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## 500 CONTRACTORS

RECEIVING THE LARGEST DOLLAR VOLUME  
OF PRIME CONTRACT AWARDS  
FOR RDT&E

Fiscal Year 1991

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# 500 CONTRACTORS RECEIVING THE LARGEST DOLLAR VOLUME OF PRIME CONTRACT AWARDS FOR RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

FISCAL YEAR 1991

Accession Per	
NTIS	02101
DTIC	PAK
Data Enclosed	
Identification	
By	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A-1	

Department of Defense  
Washington Headquarters Services  
Directorate for Information  
Operations and Reports



For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402  
DTIC/NTIS identification number for this publication is DIOR/P02-91

## FOREWORD

**500 Contractors Receiving the Largest Dollar Volume of Prime Contract Awards for Research, Development, Test and Evaluation (RDT&E)** is published annually. This report provides information on the 500 contractors that received the largest dollar volume in Department of Defense (DoD) prime contract awards over \$25,000 for RDT&E. These data are presented in five tables showing:

1. An alphabetical listing of the top 500 companies, with rank;
2. The ranking and net value of awards to business firms operating in the United States;
3. The ranking and net value of awards to educational and other nonprofit Institutions operating in the United States;
4. The ranking and net value of awards to foreign contractors; and
5. The ranking and net value of awards to U.S. government agencies.

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## INTRODUCTION

This report presents summary data on the 500 prime contractors receiving the largest dollar volume in Department of Defense (DoD) awards over \$25,000 for research, development, test and evaluation (RDT&E) work during Fiscal Year (FY) 1991. RDT&E work can include research, exploratory development, advanced development, engineering development, operational systems development, or management and support services. (Full definitions for each of these categories are provided in DFARS 235.001.)

Table 1 (page 9) lists the 500 contractors in alphabetical order, shows the ranking for each, and shows how each has been categorized for reporting purposes. The categories are business firm (B), foreign contractor (F), and nonprofit institution (N). Table 2 (page 15) shows the net value of awards to U.S. business firms by rank. Those firms which qualify as small businesses are further identified by an "S". The net value of awards to each of the firm's reported locations is also provided. Tables 3, 4, and 5 (pages 31, 35, and 37, respectively) provide the net value of awards to U.S. educational and other nonprofit institutions, foreign contractors, and U.S. government agencies. (While awards to U.S. government agencies are listed separately in Table 5, these agencies are categorized as nonprofit institutions in Table 1.) As in Table 2, contractors in Tables 3 through 5 are shown by rank, with their total awards indicated by an asterisk (\*). The next value of awards to each of the contractor's reported locations are also shown for these tables.

## NOTES ON COVERAGE

The dollar amounts shown here include prime contract awards over \$25,000 for RDT&E work only. Data on awards for other services, such as training, and on any supplies furnished by the contractors in support of research being done are excluded. Contract awards for civil functions have been included in these data. Civil functions encompass planning, programming, designing, constructing, and operating Federal water resource projects for navigation, flood control, hydroelectric power production, water supply, and other related activities.

The locations shown in the tables are the places where the work was to be performed. Normally, this is a facility of the concern awarded the contract. However, if the work was scheduled to be performed at a Defense facility, such as an Air Force base, the location shown may be that of the Defense facility rather than the contractor.

**DATA RELATING TO COMPANIES IN THIS PUBLICATION ARE SUBJECT TO THE ACCURACY OF THE DUN & BRADSTREET CORPORATION'S DATA UNIVERSAL NUMBERING SYSTEM AND ITS ABILITY TO DESCRIBE RELATIONSHIPS OF COMPANIES.**

## HIGHLIGHTS

The following table shows the net value and percent distribution of all RDT&E awards. RDT&E awards to the top 500 companies, and all other RDT&E awards for FY 1991.

### Department of Defense Prime Contract Awards Over \$25,000 Fiscal Year 1991

TYPE OF CONTRACTOR	RDT&E								
	TOTAL			TOP 500			ALL OTHER		
	NO.	AWARDS (\$000)	% OF TOTAL \$	NO.	AWARDS (\$000)	% OF TOTAL \$	NO.	AWARDS (\$000)	% OF TOTAL \$
RDT&E - TOTAL	<u>2,743</u>	<u>20,898,366</u>	<u>100</u>	<u>500</u>	<u>20,200,083</u>	<u>100</u>	<u>2,243</u>	<u>698,283</u>	<u>100</u>
BUSINESS FIRMS	<u>2,346</u>	<u>17,957,099</u>	<u>86</u>	<u>400</u>	<u>17,357,464</u>	<u>86</u>	<u>1,946</u>	<u>599,635</u>	<u>86</u>
Small Large	1,837 509	1,587,709 16,369,390	8 78	183 217	1,073,566 16,283,898	5 81	1,654 292	514,143 85,492	74 12
EDUCATIONAL & NONPROFIT	<u>286</u>	<u>2,636,884</u>	<u>13</u>	<u>81</u>	<u>2,560,704</u>	<u>13</u>	<u>205</u>	<u>76,180</u>	<u>11</u>
Educational Other Nonprofit	205 81	1,391,652 1,245,232	7 6	53 28	1,331,351 1,229,353	7 6	152 53	60,301 15,879	9 2
U.S. GOVERNMENT AGENCIES	<u>8</u>	<u>12,863</u>	<u>*</u>	<u>3</u>	<u>11,708</u>	<u>*</u>	<u>5</u>	<u>1,155</u>	<u>*</u>
FOREIGN	<u>103</u>	<u>291,520</u>	<u>1</u>	<u>16</u>	<u>270,207</u>	<u>1</u>	<u>87</u>	<u>21,313</u>	<u>3</u>

\*LESS THAN 0.5 PERCENT

NOTE: TOTALS MAY NOT ADD DUE TO ROUNDING

Based on the percentage of total awards, the distribution of FY 1991 awards varies moderately from that in FY 1990. In FY 1991, the top 500 contractors included 400 U.S. business firms (183 of which were small businesses); 81 educational and nonprofit institutions; 3 U.S. government agencies; and 16 foreign contractors.

In FY 1990 the top 500 consisted of 408 business firms (175 were small businesses); 82 educational and nonprofit institutions; 1 U.S. government agencies; and 9 foreign contractors.

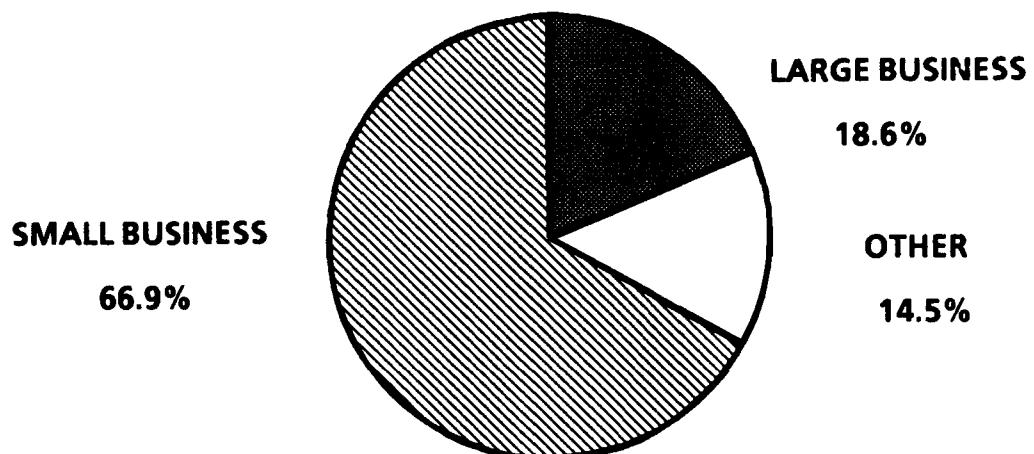
The top 500 RDT&E contractors received awards totaling \$20,200 million in FY 1991, compared to \$21,511 million in FY 1990, a decrease of \$1,311 million or 6.1 percent. The \$20,200 million represents 96.7 percent of the \$20,898 million total prime contract awards over \$25,000 for RDT&E work in FY 1991.

In addition to the top 500 contractors, there were 2,243 other contractors for whom RDT&E procurement actions over \$25,000 were reported, for a total of 2,743 contractors in FY 1991. In FY 1990, the total number of contractors was 2,718.

Of the 39 contractors with RDT&E awards of \$100 million or more in FY 1991, 35 were business firms and 4 were educational and other nonprofit institutions. These 39 contractors had a total of \$14,277 million in RDT&E awards. In FY 1990, there were 38 contractors who reached the \$100 million plateau, with awards totaling \$15,516 million. Of these 38 fiscal year 1990 contractors, 34 were business firms and 4 were educational and other nonprofit institutions. The amount of awards for this \$100 million group decreased by \$1,239 million or 8.0 percent between FY 1990 and 1991.

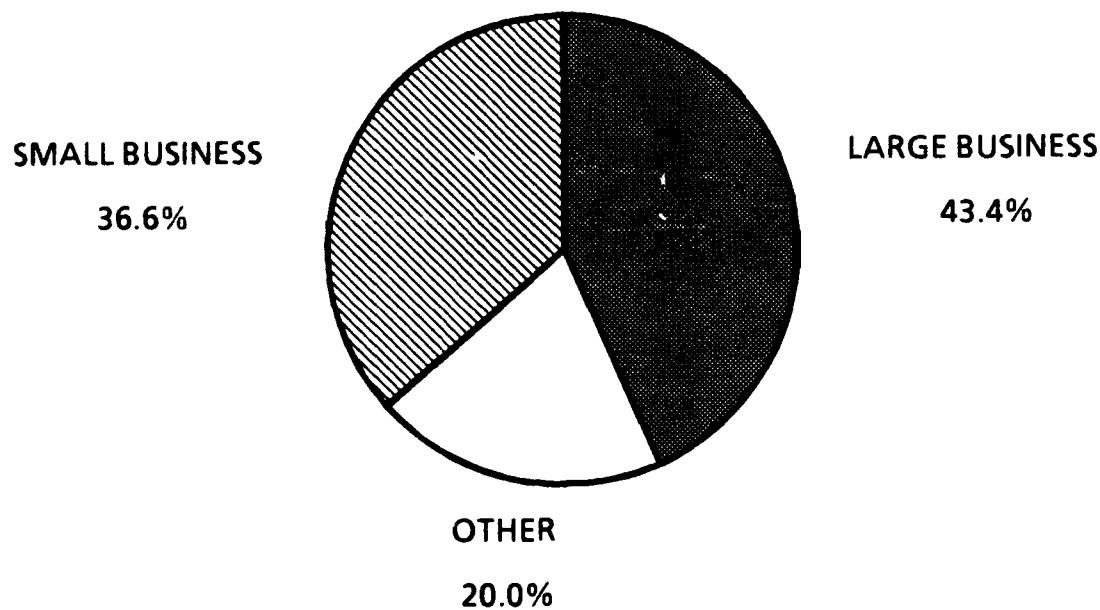
Breakout of the type of contractors receiving RDT&E awards are shown in the charts on the next page. Both of these charts show the number of firms with their associated percentages, and not the percentage of dollars.

**TOTAL CONTRACTORS RECEIVING RDT&E DOLLARS**  
**Fiscal Year 1991**



**TOTAL NUMBER OF FIRMS = 2,743**

**TOP 500 CONTRACTORS - RDT&E**  
**Fiscal Year 1991**

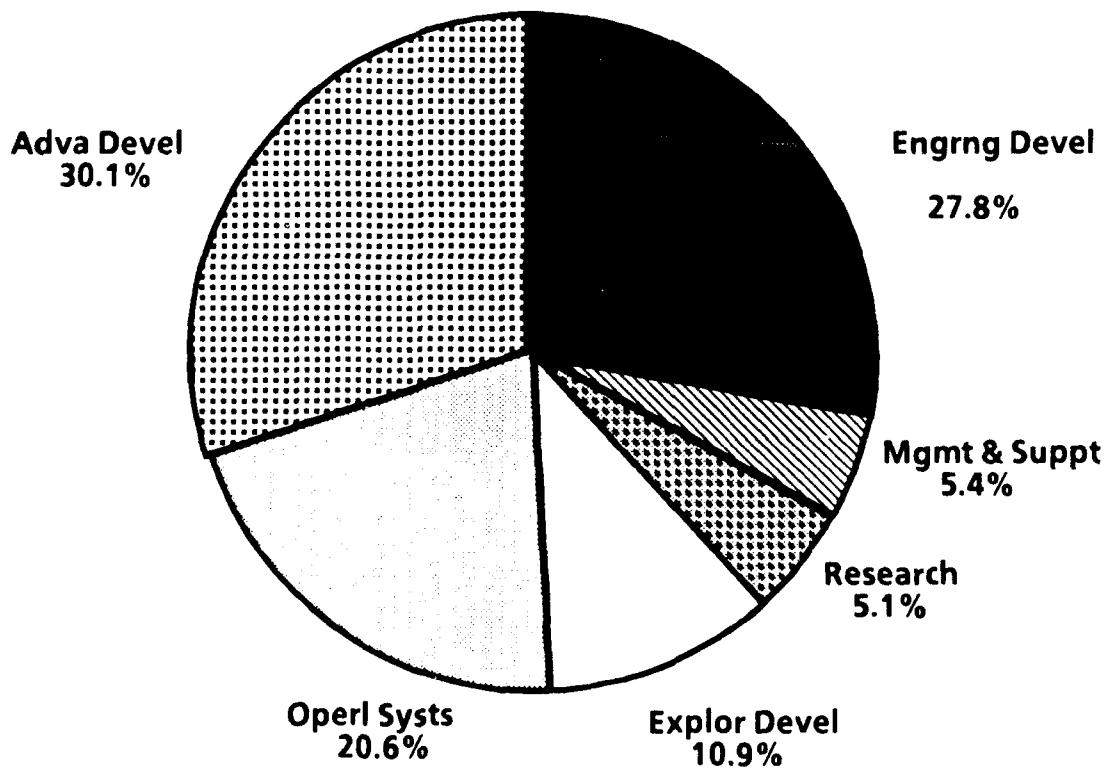


The following table shows the type of RDT&E work the contractors were engaged in and the net value and percent distribution of all awards for each of these types in FY 1991. Advanced development accounted for the majority (30.1 percent) of RDT&E awards, followed by engineering development (27.8 percent).

TYPE	AWARDS (\$000)	PERCENT OF TOTAL
RDT&E - TOTAL	<u>\$20,898,366</u>	<u>100.00</u>
Advanced Development	6,300,144	30.1
Engineering Development	5,812,739	27.8
Operational Systems	4,311,462	20.6
Exploratory Development	2,287,753	10.9
Research	1,062,531	5.1
Management and Support	1,123,737	5.4

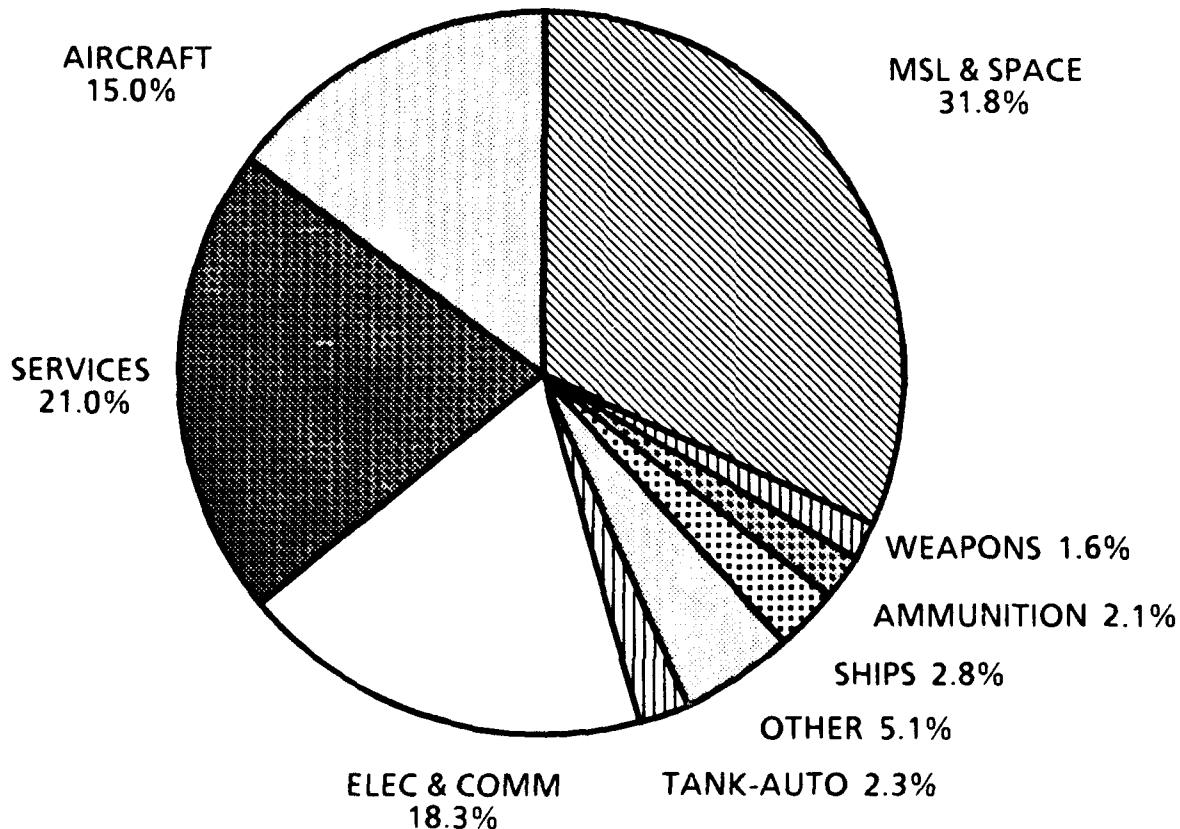
### DOLLAR AWARDS BY TYPE OF RDT&E WORK

Fiscal Year 1991



The last table shows the net value and percent distribution of all RDT&E awards by type of program. Within the RDT&E contracts, the largest volume of awards was for the research, development, test, or evaluation of missile & space systems and services. In FY 1991, a combined total of \$11,039 million or 53.0 percent of all RDT&E awards over \$25,000 was for work connected with these programs.

PROGRAM	AWARDS (\$000)	PERCENT OF TOTAL
RDT&E - TOTAL	<u>\$20,898,366</u>	<u>100.00</u>
Missile & Space Systems	6,649,268	31.8
Services	4,389,785	21.0
Aircraft	3,143,257	15.0
Electronics & Communication		
Equipment	3,814,004	18.3
Ships	588,430	2.8
Ammunition	438,876	2.1
Weapons	336,019	1.6
Tank-Automotive	477,144	2.3
All Other	1,061,583	5.1



**Table 1. Alphabetical Listing of the Top 500 DOD Prime Contractors for Research, Development, Test, and Evaluation Work: FY 1991**

RANK	*	CONTRACTOR	RANK	*	CONTRACTOR
84	B	A A I CORPORATION	59	B	AVCO CORPORATION
377	B	ACTRAN SYSTEMS INC	168	B	AVCO RESEARCH LABORATORY INC
352	B	ACUREX CORPORATION	319	B	B K DYNAMICS INC
430	B	ADVANCE INC	129	B	BABCOCK & WILCOX COMPANY THE
265	B	ADVANCED DECISION SYSTEMS	148	B	BALL CORPORATION
396	B	ADVANCED MARINE ENTERPRISES	395	B	BARRIOS TECHNOLOGY INC
442	B	ADVANCED RES & APPLICATIONS	90	N	BATTELLE MEMORIAL INSTITUTE
369	B	ADVANCED SCIENCES INC	43	B	BDM INTERNATIONAL INC
366	B	ADVANCED SYSTEMS TECHNOLOGY	28	B	BELL BOEING JV
386	B	ADVANCED TECHNOLOGY & RESEARCH	197	B	BELL HELICOPTER TEXTRON INC
412	B	ADVANCED TECHNOLOGY MATERIALS	316	B	BERKELEY RESEARCH ASSOCIATES
296	B	AEPCO INC	313	B	BICOASTAL CORPORATION
435	B	AERODYNE RESEARCH INC	25	B	BOEING AEROSPACE & ELECTRONICS
31	B	AEROJET	20	B	BOEING CO & SIKORSKY ACFT JV
198	B	AEROMET INC	22	B	BOEING COMPANY THE
15	N	AEROSPACE CORPORATION	79	B	BOLT BERANEK & NEWMAN INC
343	B	AEROSTRUCTURES INC	89	B	BOOZ ALLEN & HAMILTON INC
40	B	ALLIANT TECHSYSTEMS INC	336	N	BOSTON COLLEGE
47	B	ALLIED SIGNAL AEROSPACE CO	290	N	BOSTON UNIVERSITY
243	B	ALLIED SIGNAL INC	364	B	BROGAN ASSOCIATES INC
193	B	AM GENERAL CORPORATION	162	B	BRUNSWICK CORPORATION
227	B	AMERICAN OPTICAL CORPORATION	146	B	CADILLAC GAGE TEXTRON INC
26	B	AMERICAN TELEPHONE & TELG CO	225	B	CAE LINK CORPORATION
306	B	AMERINEX ARTFL INTELLIGENCE	431	N	CALIFORNIA INST OF TECHNOLOGY
426	B	AMHERST SYSTEMS INC	315	B	CALIFORNIA RES & TECHNOLOGY
286	B	AMOCO CHEMICAL CO	44	B	CALSPAN CORPORATION
469	B	AMPTEK INC	119	F	CANADIAN COMMERCIAL CORP
358	B	ANALYSIS & COMPUTER SYSTEMS	279	F	CANADIAN MARCONI COMPANY
127	B	ANALYSIS & TECHNOLOGY INC	220	B	CARNEGIE GROUP INC
64	B	ANALYTIC SCIENCE CORP THE	73	N	CARNEGIE MELLON UNIVERSITY
77	N	ANALYTIC SERVICES INC	122	B	CAS INC
471	B	ANALYTICAL SYSTEMS ENGRG CORP	234	B	CBI NA CON INC
330	B	ANDRULIS RESEARCH CORP	158	B	CHAMBERLAIN MANUFACTURING CORP
376	B	APPLIED COMPUTING SYSTEMS INC	62	N	CHARLES STARK DRAPER LAB INC
240	B	APPLIED MEASUREMENT SYSTEMS	289	B	CHRYSLER TECHNOLOGIES ARBN SY
416	B	APPLIED RESEARCH ASSOC INC	308	B	CLAMSHELL BUILDINGS INC
476	B	APPLIED TECHNOLOGY ASSOCIATES	457	N	CLEMSON UNIVERSITY
138	B	AQUA CHEM INC	493	B	COE TRUMAN TECHNOLOGIES INC
244	B	ARETE ASSOCIATES	137	B	COLEMAN RESEARCH CORPORATION
207	B	ARINC RESEARCH CORPORATION	57	B	COLLINS INTERNATIONAL SVC CO
68	B	ARMORED VEHICLE TECHNOLOGIES ASSO	421	N	COLORADO STATE UNIVERSITY
496	B	ARO CORPORATION	103	B	COLSA INC
280	B	ASI SYSTEMS INTERNATIONAL	337	N	COLUMBIA UNIVERSITY
128	B	ASSURANCE TECHNOLOGY CORP	228	B	COMARCO INC
444	B	ATEAM CORP	408	B	COMBUSTION ENGINEERING INC
266	B	ATLANTIC AEROSPACE ELECTRONICS	275	B	COMMAND SYSTEM INC
106	B	ATLANTIC RESEARCH CORPORATION	463	B	COMMONWEALTH TECHNOLOGY INC
427	N	AUBURN UNIVERSITY	477	B	COMMUNICATION MFG CO
154	B	AUTOMATED SCIENCES GROUP INC	155	B	COMPREHENSIVE TECHNOLOGIES INTL
292	B	AUTOMATION RES SYSTEMS LTD	466	B	COMPTEK RESEARCH INC

\* B = Business Firm

F = Foreign Contractor

N = Nonprofit Institution

**Table 1. Alphabetical Listing of the Top 500 DOD Prime Contractors for Research, Development, Test, and Evaluation Work: FY 1991**

RANK	*	CONTRACTOR	RANK	*	CONTRACTOR
55	B	COMPUTER SCIENCES CORPORATION	438	B	ERC INTERNATIONAL INC
82	E	CONTEL CORPORATION	167	B	ESL INCORPORATED
251	B	CONTRAVES USA INC	314	B	ETEC SYSTEMS INC
224	E	CONTROL DATA CORPORATION	481	B	EVALUATION RESEARCH CORP
178	N	CORNELL UNIVERSITY	181	B	FAIRCHILD INDUSTRIES INC
490	B	CORNING INC	341	B	FALCON ASSOCIATES
387	B	CORTANA CORPORATION	473	F	FERRANTI INTERNATIONAL
327	B	CREARE INC	500	B	FIBER MATERIALS INC
384	B	CROSS SYSTEMS INC	449	B	FLOW INDUSTRIES INC
393	B	CSA ENGINEERING INC	56	B	EMC CORPORATION
429	B	CTA INCORPORATED	205	B	FOSTER MILLER INC
312	B	CUBIC CORPORATION	11	B	FOUNDATION HEALTH CORPORATION
340	B	CUMMINS ENGINE COMPANY INC	410	B	FRIED D L ASSOCIATES INC
321	B	DAMES & MOORE	361	E	FRONTIER ENGINEERING INC
288	B	DATA DESIGN LABORATORIES	113	B	G & F COMPANY
215	B	DAVID SARNOFF RESEARCH CENTER	492	B	GALAXY SCIENTIFIC CORP
468	B	DCS CORPORATION	52	B	GEC MARCONI ELECT SYS
404	B	DECISION SCIENCE APPLICATIONS	133	B	GENCORP INC
172	F	DEUTSCHE BUNDESPOST	196	B	GENERAL ATOMICS
388	B	DIGITAL EQUIPMENT CORPORATION	8	B	GENERAL DYNAMICS CORPORATION
475	B	DIGITAL RADIO CORP	2	B	GENERAL ELECTRIC COMPANY
439	B	DIGITAL WIZARDS INC	360	N	GENERAL HOSPITAL CORPORATION
347	B	DOSS AVIATION INC	83	B	GENERAL MOTORS CORPORATION
420	B	DRAVO CORPORATION	491	B	GENERAL PHYSICS CORPORATION
249	B	DU PONT E I DE NEMOURS & CO	180	B	GENERAL RESEARCH CORPORATION
397	B	DUAL & ASSOCIATES INC	261	B	GENTEX CORPORATION
378	N	DUKE UNIVERSITY	115	B	GEO CENTERS INC
235	F	DUPHAR BV	417	B	GEODYNAMICS CORPORATION
245	B	DYNCORP	441	B	GEOMET INC
173	B	DYNETICS INC	259	N	GEORGIA INSTITUTE TECHNOLOGY
67	B	E SYSTEMS INC	100	N	GEORGIA TECH RESEARCH CORP
232	E	EAGLE TECHNOLOGY INC	3	B	GRUMMAN AEROSPACE CORPORATION
256	B	EAI CORPORATION	126	B	GRUMMAN DATA SYSTEMS CORP
108	B	ECC INTERNATIONAL CORP	53	B	GTE GOVERNMENT SYSTEMS CORP
171	B	ECONOMICS TECHNOLOGY ASSOC	136	B	GTE SYLVANIA COM PRODUCTS
342	B	EER SYSTEMS CORPORATION	373	B	GUILD ASSOCIATES INC
433	B	EG&G SPECIAL PROJECTS	488	B	H R TEXTRON INC
206	B	EG&G WASHINGTON ANALYTICAL SVC	66	B	HARRIS CORPORATION
472	B	ELECTRO DESIGN MANUFACTURING	399	B	HARRIS GROUP THE INC
222	B	ELECTROMAGNETIC LAUNCH RESRCH	39	B	HARSCO CORPORATION
303	B	ELECTRONIC ASSOCIATES INC	219	B	HAZELTINE CORPORATION
246	B	ELECTRONIC DECISIONS INC	49	B	HERCULES INC
216	B	ELECTROSPACE SYSTEMS INC	176	B	HILTON SYSTEMS INC
151	B	ENGINEERING & ECONOMICS RES	70	B	HONEYWELL INC
300	B	ENGINEERING TECHNOLOGIES INC	324	B	HORIZONS TECHNOLOGY INC
232	B	ENSCO INC	87	B	HUGHES AIRCRAFT & RAYTHEON JV
140	N	ENVIRONMENTAL RES INST OF MICH	17	B	HUGHES AIRCRAFT COMPANY
403	B	ENVIRONMENTAL SYSTEMS RES INST	355	B	HUGHES ASSOCIATES INC
134	B	ENVIRONMENTAL TECHNOLOGIES GRP	208	B	HUGHES DANBURY OPTICAL SYSTEMS
346	B	EPOCH ENGINEERING INC	186	B	HUGHES TRAINING SYS INC

\* B = Business Firm

F = Foreign Contractor

N = Nonprofit Institution

**Table 1. Alphabetical Listing of the Top 500 DOD Prime Contractors for Research, Development, Test, and Evaluation Work: FY 1991**

RANK	*	CONTRACTOR	RANK	*	CONTRACTOR
451	B	HYDRO PRODUCTS INC	16	B	LORAL CORPORATION
69	N	I I T RESEARCH INSTITUTE	276	B	LOS ALAMOS TECHNICAL ASSOC INC
195	B	I L C INDUSTRIES DELAWARE	5	B	LTV AEROSPACE & DEFENSE CO
304	B	I R T CORPORATION	317	B	LUFKIN INDUSTRIES INC
191	N	ILLINOIS INST OF TECHNOLOGY	272	B	M R J INC
211	B	INFOTEC DEVELOPMENT INC	269	B	MAC AULAY BROWN INC
274	F	INGENIEURBURO DEISENROTH	263	B	MADEN TECH CONSULTING INC
418	B	INNOVATIVE CONCEPTS INC	74	B	MAGNAVOX GOVT & INDUSTRL ELCTR
51	N	INSTITUTE FOR DEF ANALYSES	287	B	MANAGEMENT CONSULTING & RES
445	B	INTEGRATED MICROCOMPUTER SYS	237	B	MANTECH INTERNATIONAL CORP
328	B	INTEGRATED SYSTEMS ANALYSTS	231	B	MAR INC
250	B	INTEGRATED SYSTEMS INC	467	B	MARINE ACOUSTICS
14	E	INTEL CORPORATION	1	B	MARTIN MARIETTA CORPORATION
359	B	INTERFEROMETRICS INC	38	B	MARTIN MARIETTA DIEHL THORN JV
446	F	INTERMARINES SPA	121	B	MARTIN MARIETTA WESTINGHSE JV
109	B	INTERMETRICS INC	14	N	MASSACHSETTS INST OF TECHNOLOGY
35	B	INTERNATIONAL BUS MCHS CORP	92	B	MAXWELL LABORATORIES INC
356	B	INTERNATIONAL SOFTWARE SYSTEMS	363	N	MAYO FOUNDATION
179	B	INTERSTATE ELECTRONICS CORP	349	B	MCDONNELL AIRCRAFT COMPANY
419	B	IRVINE SENSORS CORPORATION	4	B	MCDONNELL DOUGLAS CORPORATION
60	F	ISRAEL AIRCRAFT INDUSTRIES LTD	50	B	MCDONNELL DOUGLAS HELICOPTER
145	B	ITT & MARTIN MARIETTA JV	499	B	MCDONNELL DOUGLAS MSL SYS CO
139	B	ITT CORPORATION	13	B	MCDONNELL DOUGLAS SPACE SYS CO
381	B	JAMIESON SCIENCE & ENGINEERING	187	B	MCDONNELL DOUGLAS TRNING SYS
42	B	JAYCOR	318	B	MECHANICAL TECHNOLOGY INC
182	B	JOHN DEERE COMPANY	448	N	MERCER UNIVERSITY
12	N	JOHNS HOPKINS UNIVERSITY	365	B	MERIDIAN CORPORATION
45	B	JOHNSON CONTROLS INC	262	B	MESILLA VALLEY HIGH TECH IND
400	B	K V H INDUSTRIES INC	217	F	MESSERSCHMITT BOELKOW BLOHM
389	B	KAMAN AEROSPACE CORPORATION	380	N	MIAMI VALLEY RESEARCH INST
267	B	KAMAN CORPORATION	135	N	MICHIGAN DEPT PUBLIC HEALTH
76	B	KAMAN SCIENCES CORPORATION	470	N	MICHIGAN TECHNICAL UNIVERSITY
34	B	KEARFOTT GDNC NAVIGATION CORP	464	B	MICROELECTRONICS
392	B	KETRON INC	465	N	MIDWEST RESEARCH INSTITUTE
372	B	KEYSTONE COMPUTER ASSOCIATES	194	B	MILTOPE CORPORATION
283	B	KRUG INTERNATIONAL CORPORATION	96	B	MINNESOTA MINING & MFG CO
118	B	LAWRENCE ASSOCIATES INC	99	B	MISSION RESEARCH CORPORATION
88	B	LIGHT HELICOPTER TURBINE ENG	21	N	MITRE CORPORATION
310	B	LITTLE ARTHUR D INC	152	B	MODERN TECHNOLOGIES CORP
401	B	LITTON INDUSTRIES INC	157	B	MOTOROLA INC
24	B	LITTON SYSTEMS INC	351	B	N K F ENGINEERING INC
37	B	LOCKHEED AERONAUTICAL SYS CO	36	B	NASP NATIONAL CONTRACTOR TEAM
33	B	LOCKHEED CORPORATION	209	N	NATIONAL ACADEMY SCIENCES USA
407	B	LOCKHEED ENGINEERING & SCIENCE	413	N	NATIONAL DEFENSE ENVMTL CORP
23	B	LOCKHEED MISSILES & SPACE CO	489	N	NATIONAL SCIENCE FOUNDATION
61	B	LOCKHEED SANDERS INC	415	B	NEW HORIZONS DIAGNOSTICS CORP
159	B	LOCUS INC	147	N	NEW MEXICO STATE OF
112	B	LOGICON INC	160	N	NEW MEXICO STATE UNIVERSITY
447	B	LOGISTICS MANAGEMENT ENGRG	132	B	NEWPORT NEWS SHPBLDING DRYDOCK
98	N	LOGISTICS MGT INSTITUTE	63	B	NICHOLS RESEARCH CORPORATION

\* B = Business Firm

F = Foreign Contractor

N = Nonprofit Institution

**Table 1. Alphabetical Listing of the Top 500 DOD Prime Contractors for Research, Development, Test, and Evaluation Work: FY 1991**

RANK	*	CONTRACTOR	RANK	*	CONTRACTOR
455	N	NORTH CAROLINA STATE UNIV	323	B	REMINGTON ARMS CO INC
29	B	NORTHROP CORPORATION	335	N	RENNSELAER POLYTECHNIC INST
497	B	NORTHWEST RESEARCH ASSOCIATES	177	B	RESEARCH & DEV LABORATORIES
320	N	NYSERNET INC	264	N	RESEARCH TRIANGLE INSTITUTE
350	N	OKLAHOMA STATE UNIVERSITY	478	B	RESOURCE CONSULTANTS INC
117	B	OLIN CORP	189	N	RIVERSIDE RESEARCH INSTITUTE
453	B	OLIN ORDNANCE	414	B	RMCI
370	B	OPTIC ELECTRONIC CORP	19	B	ROCKWELL INTERNATIONAL CORP
432	B	OPTIMETRICS INC	143	B	ROCKWELL POWER SYSTEMS
93	B	ORBITAL SCIENCES CORPORATION	116	F	ROLLS ROYCE INC
483	N	OREGON STATE UNIVERSITY	46	F	ROYAL NORUEGAN NAVAL MATERIAL
166	B	ORINCON CORPORATION	140	B	S F A INC
226	B	ORION INTL TECHNOLOGIES	440	B	S R A TECHNOLOGIES INC
331	B	ORLANDO TECHNOLOGY INC	188	B	S SYSTEMS CORPORATION
32	B	OSHKOSH TRUCK CORPORATION	411	B	S T SYSTEMS CORPORATION
213	B	PACER SYSTEMS INC	487	B	S IRON
169	B	PACIFIC SIERRA RESEARCH CORP	190	N	SALK INST FOR BLGICAL STUDIES
125	B	PALL LAND & MARINE CORP	105	B	SANDERS & AEL JV
164	B	PAR TECHNOLOGY CORPORATION	102	B	SCHAFER W J ASSOCIATES INC
214	B	PARA ELITE INC	424	B	SCHLUMBERGER TECHNOLOGY CORP
229	B	PARKER KINETIC DESIGN INC	41	B	SCHNEIDER INC
65	N	PENNSYLVANIA STATE UNIV	405	B	SCHWARTZ ELECTRO OPTICS INC
273	B	PHOTON RESEARCH ASSOCIATES	461	B	SCI TEC INC
462	B	PHOTONICS SYSTEMS INC	495	B	SCIENCE & TECHNOLOGY ASSOC
367	B	PHYSICAL OPTICS CORPORATION	212	B	SCIENCE & TECHNOLOGY CORP
354	B	PHYSICAL RESEARCH INC	27	B	SCIENCE APPLICATIONS INTL CORP
398	B	PHYSICAL SCIENCES INC	368	B	SCIENCE RESEARCH LABORATORY
374	B	PHYSICON INC	192	B	SEMCOR INC
163	B	PHYSICS INTERNATIONAL COMPANY	474	B	SENSIS CORPORATION
452	B	PIASECKI AIRCRAFT CORP	484	B	SENTEL CORPORATION
167	B	PLANNING SYSTEMS INC	482	B	SHERIKON INC
221	F	PORTON INTERNATIONAL INC	434	B	SIERRA NEVADA CORPORATION
348	B	PRAGMATICS INC	248	B	SIPPICAN INC
97	B	PRC INC	391	B	SMITHS INDUSTRIES INC USA
270	B	PRC ORI JV	242	F	SOCIETE GENERALE DES TAPIS SA
460	B	PREDICTION SYSTEMS INC	149	B	SOFTECH INC
344	B	PRESEARCH INCORPORATED	260	B	SOFTWARE TECHNOLOGY INC
394	N	PRINCETON UNIVERSITY	201	B	SONALYSTS INC
333	B	PULSE SCIENCES INC	71	N	SOUTH CAROLINA RESCH AUTHORITY
428	N	PURDUE UNIVERSITY	305	N	SOUTHEASTIN CTR ELECTR ENG ED
390	B	QUALCOMM INC	425	N	SOUTHERN METHODIST UNIVERSITY
175	B	QUESTECH INC	332	N	SOUTHERN RESEARCH INSTITUTE
101	B	R & D ASSOCIATES	494	B	SOUTHWEST AEROSPACE CORP
174	B	R J O ENTERPRISES INC	204	N	SOUTHWEST RESEARCH INSTITUTE
153	B	RACAL COMMUNICATIONS INC	184	B	SPACE APPLICATIONS CORPORATION
291	B	RAIL COMPANY	80	B	SPACE DATA CORPORATION
450	F	RAM SYS GMBH	85	B	SPARTA INC
48	N	RAND CORPORATION	144	B	SPARTON CORPORATION
18	B	RAYTHEON COMPANY	258	B	SPECTRA DIODE LABORATORIES
223	B	RAYTHEON SERVICE COMPANY	406	B	SPERRY MARINE INC

\* B = Business Firm

F = Foreign Contractor

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**Table 1. Alphabetical Listing of the Top 500 DOD Prime Contractors for Research, Development, Test, and Evaluation Work: FY 1991**

RANK	*	CONTRACTOR	RANK	*	CONTRACTOR
345	B	SPIRE CORPORATION	257	N	UNITED STATES DEPT OF COMMERCE
86	N	SRI INTERNATIONAL	301	N	UNITED STATES DEPT OF ENERGY
241	B	SRS TECHNOLOGIES	9	B	UNITED TECHNOLOGIES CORP
131	N	STANFORD UNIVERSITY	170	B	UNIVERSAL ENERGY SYSTEMS INC
409	N	STATE UNIVERSITY OF NEW YORK	307	B	UNIVERSAL TECHNOLOGY CORP
156	B	STERIMATICS CORP	436	N	UNIVERSITY NC AT CHAPEL HL
165	B	STERLING FEDERAL SYSTEMS INC	210	N	UNIVERSITY OF ALABAMA
480	B	STV ENGINEERS INC	303	N	UNIVERSITY OF ARIZONA
295	B	SUMMA TECHNOLOGY INC	95	N	UNIVERSITY OF CALIFORNIA
437	B	SUNSTRAND DATA CONTROL INC	230	N	UNIVERSITY OF CENTRAL FLORIDA
293	B	SUPPORT CONTRACTING SYSTEMS	110	N	UNIVERSITY OF DAYTON INC
72	B	SVERDRUP TECHNOLOGY INC	443	N	UNIVERSITY OF DENVER
375	B	SYNECTICS CORP	362	N	UNIVERSITY OF FLORIDA
302	B	SYNETICS CORPORATION	329	N	UNIVERSITY OF HAWAII
111	B	SYSCON CORPORATION	199	N	UNIVERSITY OF ILLINOIS
271	B	SYSTEM DYNAMICS INTERNATIONAL	202	N	UNIVERSITY OF MARYLAND
130	B	SYSTEM PLANNING CORPORATION	281	N	UNIVERSITY OF MASSACHUSETTS
353	B	SYSTEM RESOURCES CORPORATION	238	N	UNIVERSITY OF MICHIGAN
459	B	SYSTEMS & LOGISTICS CORP	218	N	UNIVERSITY OF MINNESOTA
382	B	SYSTEMS ANALYSIS & INTEGRATION	298	N	UNIVERSITY OF PENNSYLVANIA
338	B	SYSTEMS ENGINEERING ASSOCIATES	114	N	UNIVERSITY OF PITTSBURGH
311	B	SYSTEMS ENRG & MGT ASSOC	268	N	UNIVERSITY OF ROCHESTER
203	B	SYSTEMS EXPLORATION INC	91	N	UNIVERSITY OF SOUTHERN CALIF
254	B	SYSTEMS INC	185	N	UNIVERSITY OF TEXAS AT DALLAS
247	B	SYSTEMS PLANNING & ANALYSIS	75	N	UNIVERSITY OF TEXAS SYSTEM
94	B	SYSTEMS RES APPLICATIONS CORP	322	N	UNIVERSITY OF VIRGINIA
299	B	SYSTRAN CORP	120	N	UNIVERSITY OF WASHINGTON
161	F	TADIRAN ISRAEL ELECTRONICS IND	297	N	UNIVERSITY OF WISCONSIN SYSTEM
282	B	TECHNOLOGY DEVELOPMENT CORP	78	N	UTAH STATE UNIVERSITY
236	B	TECOLOTE RESEARCH INC	371	N	VANDERBILT UNIVERSITY THE
30	B	TELEDYNE INDUSTRIES INC	284	B	VECTOR RESEARCH COMPANY INC
479	B	TERA COMPUTER CO	252	B	VEDA INCORPORATED
58	B	TEXAS INSTRUMENTS INC	385	B	VISICOM LABORATORIES INC
326	B	TEXAS INSTRUMENTS WESTINGHSE JV	456	B	VISIDYNE INC
498	B	TEXAS RESEARCH INTERNATIONAL	123	B	VITRO CORPORATION
334	B	TEXTRON INC	200	B	VITRONICS INC
183	B	HERMO ELCTRON TCHNOLGIES CORP	379	B	VREULS RESEARCH CORPORATION
255	B	THINKING MACHINES CORPORATION	239	B	VSE CORPORATION
81	B	THIOKOL CORPORATION	486	B	WEIDLINGER ASSOCIATES INC
54	B	TI & MARTIN AAWS M JV	485	B	WESTAR CORPORATION
422	B	TOYON RESEARCH CORP	454	B	WESTERN INSTRUMENT CORPORATION
253	B	TRACOR AEROSPACE INC	6	B	WESTINGHOUSE ELECTRIC CORP
142	B	TRACOR APPLIED SCIENCES INC	104	B	WHITTAKER CORPORATION
458	B	TRUAUX ENGINEERING	285	B	WILLIAMS INTERNATIONAL CORP
294	B	TRUSTED INFORMATION SYSTEMS	278	N	WOODS HOLE OCNGRPHIC INSTUTE
7	B	TRW INC	325	B	WYLE LABORATORIES
357	B	UNION CORPORATION	423	B	XEROX CORP
10	B	UNISYS CORPORATION	402	B	XETRON CORPORATION
383	B	UNITED INTERNATIONAL ENRG	277	B	XONTECH INC
124	F	UNITED KINGDOM MINISTRY OF DEF	339	B	ZYCAD CORPORATION

\* B = Business Firm

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**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1991**

Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
1	MARTIN MARIETTA CORPORATION	1,755,900 *	6	WESTINGHOUSE ELECTRIC CORP	547,482 *
	San Diego California	367		Sierra Vista Arizona	251
	Vandenberg AFB California	166-		Sunnyvale California	114,075
	Colorado Spring Colorado	800		New London Conn	360
	Denver Colorado	1,655,649		Eglin AFB Florida	84
	Littleton Colorado	7,647		Annapolis Maryland	352
	Waterton Colorado	255		Baltimore Maryland	134,969
	Washington D.C.	121		Cockeysville Maryland	597
	Orlando Florida	61,752		Linthicum Maryland	2,368
	Baltimore Maryland	5,429		Silver Spring Maryland	217
	Glen Burnie Maryland	21,374		Melville New York	90
	Granite Maryland	30		Cleveland Ohio	10,798
	Lansdowne Balt Maryland	1,917		Pittsburgh Penn	6,640
	Minneapolis Minnesota	605		West Mifflin Penn	276,681
	Kirtland AFB New Mexico	120			
2	GENERAL ELECTRIC COMPANY	973,049 *	7	TRW INC	530,620 *
	Huntsville Alabama	4,729		Huntsville Alabama	4,336
	Williams AFB Arizona	5,379		Carson California	217
	Clarks Corner Conn	122		Los Angeles California	885
	New London Conn	200		Redondo Beach California	290,448
	Daytona Beach Florida	50		Sacramento California	1,763
	Eglin AFB Florida	408		San Bernardino California	168,015
	Burlington Mass	842		San Diego California	3,255
	Fitchburg Mass	35,913		Colorado Sprng Colorado	11,037
	Lynn Mass	21,033		New London Conn	651
	Pittsfield Mass	28,644		Albuquerque New Mexico	363
	Camden New Jersey	7,631		White Sands New Mexico	34-
	Cape May Court New Jersey	179		Beaver Creek Ohio	5,794
	Cherry Hill New Jersey	2,704		Dayton Ohio	29,220
	Moorestown Len New Jersey	65,875		Wright Patters Ohio	429
	Princeton New Jersey	144,159		Arlington Virginia	2,315
	Trenton Naval New Jersey	823		Fairfax Virginia	2,862
	Wayne New Jersey	8,915		McLean Virginia	9,064
	New York New York	633-			
	Schenectady New York	147,469	8	GENERAL DYNAMICS CORPORATION	465,909 *
	Syracuse New York	36,918		Ontario California	1,152
	Syracuse Hanco New York	106		Pomona California	37,239
	Utica New York	16,233		Rancho Cucamong California	4,492
	Cincinnati Ohio	324,381		San Diego California	166,501
	Muncie Hollow Ohio	133		Groton Conn	55,201
	King of Prussi Penn	2,244		Groton Long Po Conn	2,201
	Philadelphia Penn	86,569		Marietta Georgia	23,618
	Wilmington Penn	130		Sterling Heigh Michigan	80,601
	Burlington Vermont	6,585		Warren Michigan	784
	Lynn Haven Shore Virginia	718		Lima Army Tank Ohio	171
	Yona Marshall I	24,590		Middletown Rhode Isld	200
3	GRUMMAN AEROSPACE CORPORATION	846,214 *		Fort Worth Texas	92,879
	Edwards AFB California	1,685		Arlington Virginia	870
	Trenton Naval New Jersey	386	9	UNITED TECHNOLOGIES CORP	463,736 *
	Bethpage New York	843,148		San Diego California	180
	Great River New York	995		San Jose California	1,998
4	MCDONNELL DOUGLAS CORPORATION	751,234 *		East Hartford Conn	10,210
	Huntington Bch California	6,885		East Hartford Conn	373
	Long Beach California	442,716		Hartford Conn	149
	San Diego California	294		New London Conn	67
	Anaconda Colorado	2,704		South Windsor Conn	250
	Tampa Florida	1,022		Stratford Conn	15,902
	Wichita Kansas	372		Windsor Locks Conn	2,580
	Lambert Missouri	545		Jacksonville Florida	143
	St Charles Missouri	1,578		Palm Beach Florida	342
	St Louis Missouri	293,426		West Palm Beach Florida	430,122
	Bergstrom AFB Texas	1,401		Dayton Ohio	1,420
	San Antonio Texas	291	10	UNISYS CORPORATION	460,739 *
5	LTV AEROSPACE & DEFENSE CO	596,498 *		San Diego California	2,268
	Buffalo New York	1,541		St Paul Minnesota	15,373
	Dallas Texas	366,283		Eatontown New Jersey	662
	Grand Prairie Texas	228,674		White Sands New Mexico	1,640
				Great Neck New York	421,843
				Dayton Ohio	43
				Paoli Penn	1,317
				Trevose Penn	1,988
				Warminster Penn	131
				Salt Lake City Utah	2,532

- = Minus Amount (Cancellations Exceed New Awards)

S = Small Business

**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1991**

Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
	UNISYS CORPORATION			RAYTHEON COMPANY	
	Dahlgren Virginia	508		Southboro Mass	105
	McLean Virginia	1,346		Sudbury Mass	98,381
	Boston Virginia	11,086		Tewksbury Mass	4,669
11	FOUNDATION HEALTH CORPORATION	433,279 *		Waltham Mass	135
	Rancho Cordova California	1,650		Wayland Mass	60,404
	Sacramento California	431,629		West Andover Mass	1,346
13	MCDONNELL DOUGLAS SPACE SYS CO	402,354 *		Manchester N.H.	31-
	Huntsville Alabama	327		Melville New York	96
	Huntington Bch California	205,735		Waterville New York	172
	Long Beach California	38		Portsmouth Rhode Isld	21,936
	Vandenberg AFB California	193,527		Bristol Tennessee	1,111
	Anaconda Colorado	2,196		EGYPT	1,811
	Keela Florida	308-		GERMANY	34
	St Louis Missouri	872		TAIWAN	47
	Kirtland AFB New Mexico	33-	19	ROCKWELL INTERNATIONAL CORP	304,681 *
16	LORAL CORPORATION	364,125 *		Huntsville Alabama	178
	Litchfield Par Arizona	8,381		Anaheim California	41,655
	Milpitas California	2,305		Downey California	13,658
	Newport Beach California	16,637		El Segundo California	104
	Palo Alto California	50		Los Angeles California	77,795
	Pasadena California	872		Newport Beach California	1,500
	Ridgecrest California	250		San Bernardino California	81,431
	San Diego California	1,532		Santa Barbara California	816
	San Jose California	34,377		Seal Beach California	52,267
	Sunnyvale California	8,565		Thousand Oaks California	10,211
	Colorado Sprng Colorado	128,255		Colorado Sprng Colorado	250
	Leavenworth Kansas	10,193		Melbourne Florida	131
	Lexington Mass	10,842		Duluth Georgia	5,908
	New York New York	1,452		Cedar Rapids Iowa	15,888
	Svosset New York	31,439		Albuquerque New Mexico	404
	Yonkers New York	2,466		Kirtland AFB New Mexico	458
	Republican N Carolina	16,739		Tulsa Oklahoma	1,370
	Akron Ohio	87,470		Richardson Texas	657
	Archbald Penn	2,233	20	BOEING CO & SIKORSKY ACFT JV	256,592 *
	Houston Texas	67		Philadelphia Penn	256,592
17	HUGHES AIRCRAFT COMPANY	349,026 *	22	BOEING COMPANY THE	242,247 *
	Huntsville Alabama	22,250		Huntsville Alabama	28,842
	Tucson Arizona	75,247		Washington D.C.	96
	Buena Park California	118		Wichita Kansas	29,114
	Carlsbad California	834		Philadelphia Penn	4,618
	Culver City California	107		Kent Washington	6,233
	El Segundo California	39,944		Renton Washington	185
	Fullerton California	22,353		Seattle Washington	173,159
	Goleta California	57,025	23	LOCKHEED MISSILES & SPACE CO	234,180 *
	Los Angeles California	96,464		Huntsville Alabama	9,117
	Malibu California	5,015		Palo Alto California	17,726
	Manhattan Beac California	5,358		Sunnyvale California	168,343
	Newport Beach California	1,338		Baltimore Maryland	2,221
	San Diego California	15,127		Mercury Nevada	9,128
	Torrance California	2,772		Albuquerque New Mexico	1,858
	West Covina California	1,072		Austin Texas	25,787
	New London Nav Conn	250	24	LITTON SYSTEMS INC	216,348 *
	La Grange Georgia	59		Tempe Arizona	350
	Minneapolis Minnesota	3,115		Belmont California	1,355
	Albuquerque New Mexico	295		Los Angeles California	188,043
	Middletown Rhode Isld	283		San Carlos California	622
18	RAYTHEON COMPANY	330,502 *		San Jose California	996
	Goleta California	5,712		Santa Clara California	685
	New London Conn	70		Sunnyvale California	12,291
	Hanover Maryland	139		Woodland California	1,945
	Andover Mass	50		South Windsor Conn	193
	Bedford Mass	81,929		Orlando Florida	227
	Boston Mass	749		Davenport Iowa	58
	Lexington Mass	3,369		Lexington Mass	4,938
	Lowell Mass	3,050		Morris Plains New Jersey	330
	Marlborough Mass	43,926		Salt Lake City Utah	3,438
	North Dartmout Mass	135		NETHERLAND	376
	Norwood Mass	400		S ARABIA	438
	Quincy Mass	757		TURKEY	63

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**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
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Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
25	BOEING AEROSPACE & ELECTRONICS Huntsville Alabama Vandenberg AFB California Kent Washington Seattle Washington	208,266 * 5,741 2,842 55,044 144,639	31	AEROJET Azusa California Downey California Nimbus California Parkway Sacram California Rancho Cordova California Sacramento California Tustin California	161,440 * 126,619 19,617 300 4,913 120 9,729 142
26	AMERICAN TELEPHONE & TELCO CO Holmdel New Jersey Hopewell New Jersey New Providence New Jersey Whippany New Jersey Albuquerque New Mexico Greensboro N Carolina Allentown Penn Beth Reading Penn	196,289 * 2,381 185 405 7,499 200 184,697 149 773	32	OSHKOSH TRUCK CORPORATION Oshkosh Wisconsin	147,140 * 147,140
27	SCIENCE APPLICATIONS INT'L CORP Huntsville Alabama Tucson Arizona Concord California Hermosa Beach California Irvine California Monterey California Placentia California San Diego California Santa Ana California New London Conn Washington D.C. Honolulu Hawaii Kailua Hawaii St. Joseph Louisiana Stow Maine Las Vegas Nevada Albuquerque New Mexico Beaver Creek Ohio Dayton Ohio Wright Patters Ohio Ft Washington Penn Naval USC Rhode Isld Alexandria Virginia Arlington Virginia Dahlgren Virginia Falls Church Virginia Hydraulic Virginia McLean Virginia Springfield Virginia Vienna Virginia Bellevue Washington	192,839 * 3,373 2,988 75 6,732 651 33 72 94,712 2,045 414 1,524 280 369 61 105 943 8,887 401 9,664 81 109 95 1,661 1,703 849 4,819 117 41,938 30 8,093 75	33	LOCKHEED CORPORATION Burbank California Los Angeles California Palmdale California Saugus Bouquet California Marietta Georgia Manchester N.H. Nashua N.H.	144,390 * 181,338 155 81,563- 1,255 16,777 24,070 2,364
28	BELL BOEING JV Ridley Penn Fort Worth Texas	190,114 * 133 189,981	34	KEARFOTT GENCE NAVIGATION CORP Bedford Mass Little Falls New Jersey Wayne New Jersey	138,111 * 202 11,721 126,188
29	NORTHROP CORPORATION Anaheim California Hawthorne California Palos Verdes P California Pico Rivera California Rolling Hills California Thousand Oaks California Rolling Meadow Illinois Norwood Mass	182,193 * 25 166,469 117 475 210 6,937 8,092 82-	35	INTERNATIONAL BUS MCHS CORP San Jose California Boulder Colorado Eglin AFB Florida Gaithersburg Maryland Owego New York Yorktown Heigh New York Avondale Tennessee Manassas Virginia	130,659 * 788 17,554 132 27,508 29,638 1,494 35- 53,580
30	TELEDYNE INDUSTRIES INC Huntsville Alabama Palo Alto California San Diego California Santa Clara California Torrance California Muskegon Michigan Toledo Ohio Garland Texas Alexandria Virginia	166,420 * 72,048 896 25,285 3,695 468 55,665 4,233 3,474 656	36	NASP NATIONAL CONTRACTOR TEAM Seal Beach California	129,503 * 129,503
31	LOCKHEED AERONAUTICAL SYS CO Burbank California Marietta Georgia	110,750 * 306 110,444			
32	MARTIN MARIETTA DIEHL THORN JV Orlando Florida	106,044 * 106,044			
33	HARSCO CORPORATION Roseville Michigan Yoe Penn York Penn	101,417 * 23,476 292 77,649			
34	ALLIANT TECHSYSTEMS INC San Diego California Denver Colorado Brooklyn Park Minnesota Edina Minnesota Hopkins Minnesota Minneapolis Minnesota Minnetonka Minnesota New Brighton Minnesota New Hope Minnesota Eatontown New Jersey Horsham Penn Arlington Virginia Everett Washington Mukilteo Washington	98,395 * 3,454 121 7,053 12,269 12,959 126 58,305 400 133 1,417 708 849 115 486			
35	SCHNEIDER INC Arnold AFB Tennessee	91,153 * 91,153			

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Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
42	JAYCOR San Diego Colorado Sprng Washington Vicksburg Fairborn Arlington Vienna	88,850 * 21,863 149 75 303 1,455 188 64,817	52	GEC MARCONI ELECT SYS Little Falls Newark Wayne	69,718 * 22,873 4,002 42,843
43	BDM INTERNATIONAL INC Huntsville Monterey Redlands Victorville Tyndall AFB National Space Oceanport Albuquerque Kirtland AFB Alexandria Arlington McLean Norfolk	86,338 * 5,868 402 350 66 14,420 368 590 7,462 7,548 215 71 48,603 375	53	GTE GOVERNMENT SYSTEMS CORP Mountain View Rockville Needham Waltham Westborough Vienna Yona	67,680 * 6,672 1,154 5,917 830 39,280 44 Marshall I 13,783
44	CALSPAN CORPORATION Auburn Palo Alto Lexington Medford Princeton Buffalo Rochester Rome Springville Utica Dayton Wright Patters Arnold AFS San Antonio Fairfax	85,784 * 30 45 40 99 56 29,484 72 50 90 52 1,298 9,752 43,143 1,548 25	54	TI & MARTIN AAWS M JV Denton	66,631 * 66,631
45	JOHNSON CONTROLS INC Mercury Yona	83,932 * 539 83,393	55	COMPUTER SCIENCES CORPORATION Huntsville San Diego Eglin AFB Ft Walton Bech Edgewood Moorestown Len Albuquerque Warminster Dahlgren Falls Church	66,625 * 3,978 9,447 4,653 200 58- 17,274 2,504 593 16,737 11,297
47	ALLIED SIGNAL AEROSPACE CO Phoenix Los Angeles Torrance Bellvue Washington Ft Lauderdale South Bend Baltimore Cloverlea Columbia St Inigoes Mercury	80,218 * 5,305 341 1,212 39 1,589 179 310 29,456 653 38,189 2,401 544	56	FMC CORPORATION Anniston San Jose Santa Clara Minneapolis	65,106 * 4,786 16,260 32,834 11,226
49	HERCULES INC Clearwater Cumberland Cherry Hill Sucrasunna Ken Magna Rocket Center	76,079 * 11,103 500 176 75 61,404 2,821	57	COLLINS INTERNATIONAL SVC CO Cedar Rapids Richardson	64,647 * 46,230 18,417
50	MCDONNELL DOUGLAS HELICOPTER Mesa	73,480 * 73,480	58	TEXAS INSTRUMENTS INC Colorado Sprng Attleboro Dallas Lewisville Plano Sherman	63,623 * 4,722 192 50,339 3,540 4,550 280
			59	AVCO CORPORATION Petaluma Stratford Lowell Wilmington Cincinnati	62,783 * 313 3,252 50 57,711 1,335 122 UNITED KIN
			61	LOCKHEED SANDERS INC Hudson Manchester Merrimack Nashua North Bergen Plainfield White Sands MS	61,243 * 9,996 1,992 608 26,062 271 30- 22,344
			63	NICHOLS RESEARCH CORPORATION Huntsville Cape Canaveral Ann Arbor White Sands MS Dayton	S 57,973 * 54,270 542 180 773 2,208

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**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
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Rank	Name of Contractor	Location of Work	Thousands of Dollars	Rank	Name of Contractor	Location of Work	Thousands of Dollars
64	ANALYTIC SCIENCE CORP THE		57,761 *	81	THIOKOL CORPORATION		39,447 *
	Ft Walton Beach	Florida	2,448		Huntsville	Alabama	3,889
	Patrick AFB	Florida	779		Elkton	Maryland	2,713
	Reading	Mass	45,740		Brigham City	Utah	32,512
	Fairborn	Ohio	8,794		Promontory	Utah	333
66	HARRIS CORPORATION		55,611 *	82	CONTEL CORPORATION		39,197 *
	Melbourne	Florida	25,347		San Diego	California	423
	Palm Bay	Florida	25,008		Colorado Sprng	Colorado	17,471
	Fort Wayne	Indiana	103		Washington	D.C.	281
	Princeton	New Jersey	326		Chesapeake Bech	Maryland	32
	Rochester	New York	251		Gaithersburg	Maryland	19,711
	Syosset	New York	3,016		Fairfax	Virginia	1,279
	Resch Triangle	N Carolina	1,089				
	Austin	Texas	354				
	Fort Worth	Texas	117	83	GENERAL MOTORS CORPORATION		38,432 *
					Fullerton	California	385
67	E SYSTEMS INC		53,500 *		Danbury	Conn	238
	St Petersburg	Florida	29,890		Indianapolis	Indiana	37,014
	Dallas	Texas	1,673		Warren	Michigan	795
	Garland	Texas	558	84	A A I CORPORATION		37,869 *
	Greenville	Texas	21,097		Sierra Vista	Arizona	292
	Salt Lake City	Utah	50		Baltimore	Maryland	410
	Fair Oaks	Virginia	57		Cockeysville	Maryland	37,167
	Vienna	Virginia	175				
68	ARMORED VEHICLE TECHNOLOGIES ASSO		53,182 *	85	SPARTA INC		37,310 *
	Troy	Michigan	53,182		Huntsville	Alabama	3,894
70	HONEYWELL INC		50,997 *		Del Mar	California	222
	Phoenix	Arizona	477-		Edwards AFB	California	2,847
	Clearwater	Florida	21,797		Laguna Hills	California	14,681
	Bloomington	Minnesota	4,120		San Diego	California	12,705
	Minneapolis	Minnesota	12,465		Green Spring F	Maryland	49
	Minnetonka	Minnesota	1,426		Lexington	Mass	819
	Plymouth	Minnesota	3,919		Fairborn	Ohio	140
	St Louis Park	Minnesota	472		McLean	Virginia	1,953
	Albuquerque	New Mexico	7,275	87	HUGHES AIRCRAFT & RAYTHEON JV		37,060 *
72	SVERDRUP TECHNOLOGY INC		50,568 *		Los Angeles	California	35,810
	Wright Patters	Ohio	2,593		Bedford	Mass	1,250
	Arnold AFB	Tennessee	47,842	88	LIGHT HELICOPTER TURBINE ENG		36,015 *
	Tullahoma	Tennessee	133		St Louis	Missouri	36,015
74	MAGNAVOY GOVT & INDUSTRIAL ELECTR		46,641 *	89	BOOZ ALLEN & HAMILTON INC		35,720 *
	Torrance	California	13,567		Huntsville	Alabama	1,329
	Fort Wayne	Indiana	25,794		Washington	D.C.	397
	Mahwah	New Jersey	1,605		Augusta	Maryland	77
	Deer Park	New York	255		Bethesda	Maryland	30,814
	Ashburn	Virginia	5,420		Tinton Falls	New Jersey	162
76	KAMAN SCIENCES CORPORATION		43,060 *		Albuquerque	New Mexico	1,487
	Huntsville	Alabama	6,408		Fort Worth	Texas	400
	Santa Barbara	California	4,209		Arlington	Virginia	1,054
	Colorado Sprng	Colorado	23,814	92	MAXWELL LABORATORIES INC		32,823 *
	Burlington	Mass	250		Placentia	California	226
	Albuquerque	New Mexico	4,501		San Diego	California	31,452
	Utica	New York	3,878		Santa Ana	California	500
79	BOLT BERANEK & NEUMAN INC		41,564 *		Alexandria	Virginia	645
	Los Angeles	California	1,010	93	ORBITAL SCIENCES CORPORATION		32,442 *
	San Diego	California	799		Fairfax	Virginia	26,967
	New London	Conn	1,431		McLean	Virginia	5,475
	Cambridge	Mass	36,318	94	SYSTEMS RES APPLICATIONS CORP		32,293 *
	Middletown	Rhode Isld	610		El Segundo	California	2,519
	Arlington	Virginia	796		Lanham	Maryland	72
	Frytown	Virginia	600		Andover	Mass	441
80	SPACE DATA CORPORATION		41,169 *		Arlington	Virginia	3,251
	Chandler	Arizona	40,057		Fairfax	Virginia	25,873
	Tempe	Arizona	1,112		McLean	Virginia	137

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**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
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Rank	Name of Contractor	Location of Work	Thousands of Dollars	Rank	Name of Contractor	Location of Work	Thousands of Dollars
96	MINNESOTA MINING & MFG CO		30,519 *	108	ECC INTERNATIONAL CORP		23,720 *
	Lexington	Mass	206		Orlando	Florida	23,720
	Minneapolis	Minnesota	3,081				
	St Paul	Minnesota	27,332	109	INTERMETRICS INC		23,417 *
97	PRC INC		28,475 *		Huntington Bea	California	1,092
	San Diego	California	2,640		Cambridge	Mass	2,232
	Offutt AFB	Nebraska	1,090		Oceanport	New Jersey	1,318
	Albuquerque	New Mexico	2,708		Holloman AFB	New Mexico	1,666
	Philadelphia	Penn	508		Dayton	Ohio	798
	Middletown	Rhode Isld	38		Warminster	Penn	16,211
	Dahlgren	Virginia	1,476		McLean	Virginia	100
	McLean	Virginia	12,077	111	SYSCON CORPORATION		21,940 *
	Reston	Virginia	7,938		San Diego	California	3,462
99	MISSION RESEARCH CORPORATION	S	26,530 *		New London	Conn	482
	San Diego	California	300		Washington	D.C.	7,071
	Santa Barbara	California	15,649		Middletown	Rhode Isld	146
	Colorado Sprng	Colorado	1,149		Naval USC	Rhode Isld	139
	Washington	D.C.	260		Newport	Rhode Isld	55
	Nashua	N.H.	2,864		Dahlgren	Virginia	10,585
	Albuquerque	New Mexico	6,032	112	LOGICON INC		21,881 *
	Los Alamos	New Mexico	130		Los Angeles	California	16,771
	Newington	Virginia	146		San Diego	California	178
101	R & D ASSOCIATES		26,073 *		Kirtland AFB	New Mexico	63-
	Los Angeles	California	459		Wright Patters	Ohio	4,995
	Marina del Ray	California	15,519	113	G & F COMPANY		21,637 *
	Colorado Sprn	Colorado	965		Santa Clara	California	21,637
	Albuquerque	New Mexico	2,138	115	GEO CENTERS INC		21,553 *
	Kirtland AFB	New Mexico	4,647		Washington	D.C.	7,059
	Alexandria	Virginia	366		Aberdeen PROV	Maryland	150
	Arlington	Virginia	250		Boston	Mass	476
		GERMANY	1,729		Natick R & D C	Mass	4,084
102	SCHAFFER W J ASSOCIATES INC		25,885 *		Newton	Mass	9,236
	Huntsville	Alabama	386		Picatinny Arse	New Jersey	548
	Chelmsford	Mass	24,838	117	OLIN CORP		20,830 *
	Wakefield	Mass	50		St Petersburg	Florida	17,904
	Arlington	Virginia	611		Charleston	Tennessee	2,926
103	COLSA INC	S	25,455 *	118	LAURENCE ASSOCIATES INC		20,517 *
	Huntsville	Alabama	25,355		Dayton	Ohio	20,517
	El Paso	Texas	100	121	MARTIN MARIETTA WESTNGHSE JV		18,549 *
104	WHITTAKER CORPORATION		25,355 *		Orlando	Florida	18,549
	Simi Valley	California	25,355	122	CAS INC		18,462 *
105	SANDERS & AEL JV		25,254 *		Huntsville	Alabama	18,462
	North Bergen	New Jersey	25,254	123	VITRO CORPORATION		18,326 *
106	ATLANTIC RESEARCH CORPORATION		24,583 *		Atkins	Louisiana	38
	Camden	Arkansas	1,001		Bath	Maine	705
	Los Angeles	California	782		Bethesda	Maryland	135
	Menlo Park	California	200		Silver Spring	Maryland	6,290
	Washington	D.C.	136		Moorepark	Michigan	124
	Rockville	Maryland	3,687		Pascagoula	Miss	634
	Severna Park	Maryland	930		Moorestown	New Jersey	132
	Shrewsbury	New Jersey	703		Warminster	Penn	1,982
	Tinton Falls	New Jersey	1,493		Newport	Rhode Isld	35
	Rome	New York	953		Dahlgren	Virginia	8,094
	Dayton	Ohio	100		Naval Surface	Virginia	157
	Fairborn	Ohio	513	125	PALL LAND & MARINE CORP		18,017 *
	Wright Patters	Ohio	431		New Port Riche	Florida	18,017
	Philadelphia	Penn	140	126	GRUMMAN DATA SYSTEMS CORP		17,902 *
	Alexandria	Virginia	245		Bethpage	New York	15,836
	Fredericksburg	Virginia	3,837		Woodbury	New York	437
	Gainesville	Virginia	9,432		Springfield	Virginia	1,629
107	ESL INCORPORATED		24,117 *				
	Sunnyvale	California	23,860				
		GERMANY	257				

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127	ANALYSIS & TECHNOLOGY INC Monterey California Groton Conn New London Conn N Stonington Conn Washington D.C. Panama City Be Florida Gulfport Miss National Space Miss Naval USC Rhode Isld Chesapeake Virginia	17,900 * 115 85 6,778 4,420 78 4,597 50 870 733 174	142	TRACOR APPLIED SCIENCES INC Menlo Park California San Diego California San Ramon California Groton Conn New London Conn Rockville Maryland Austin Texas San Antonio Texas	16,168 * 38 1,221 825 56 1,852 418 6,568 5,190
128	ASSURANCE TECHNOLOGY CORP Melbourne Florida Carlisle Mass Chelmsford Mass McLean Virginia	17,857 * 68 15,605 1,512 672	143	ROCKWELL POWER SYSTEMS Puunene Hawaii Albuquerque New Mexico Kirtland AFB New Mexico	15,344 * 2,841 6,756 5,747
129	BABCOCK & WILCOX COMPANY THE Alliance Ohio Lynchburg Virginia	17,563 * 2,702 14,861	144	SPARTON CORPORATION Fort Wayne Indiana Jackson Michigan	15,110 * 5,552 9,558
130	SYSTEM PLANNING CORPORATION Santa Cruz California Washington D.C. Arlington Virginia Vienna Virginia	17,001 * 404 210 16,037 350	145	ITT & MARTIN MARIETTA JV Orlando Florida	15,056 * 15,056
132	NEWPORT NEWS SHPBLDING DRYDOCK Newport News Virginia	16,910 * 16,910	146	CADILLAC GAGE TEXTRON INC Warren Michigan	14,715 * 14,715
133	GENCORP INC Nimbus California Sacramento California	16,891 * 40 16,851	148	BALL CORPORATION San Diego California Boulder Colorado Broomfield Colorado Albuquerque New Mexico Kirtland AFB New Mexico Fairborn Ohio Bergstrom AFB Texas	14,239 * 1,028 9,374 845 891 530 1,412 159
134	ENVIRONMENTAL TECHNOLOGIES GRP Baltimore Maryland	S 16,868 * 16,868	149	SOFTECH INC San Diego California Waltham Mass Fairborn Ohio Houston Texas Alexandria Virginia	14,208 * 1,235 462 4,538 600 7,373
136	GTE SYLVANIA COM PRODUCTS Needham Mass Westborough Mass	16,802 * 16,760 42	151	ENGINEERING & ECONOMICS RES Huntsville Alabama Orlando Florida Oceanport New Jersey Vienna Virginia Martinsburg W Virginia	S 14,039 * 145 66 463 4,965 8,400
137	COLEMAN RESEARCH CORPORATION Huntsville Alabama Orlando Florida White Sands MS New Mexico	S 16,618 * 12,580 3,155 883	152	MODERN TECHNOLOGIES CORP Oceanport New Jersey Columbus Ohio Dayton Ohio San Antonio Texas	S 13,670 * 284 2,936 6,793 3,657
138	AQUA CHEM INC Milwaukee Wisconsin S ARABIA	16,394 * 16,062 332	153	RACAL COMMUNICATIONS INC Rockville Maryland	13,646 * 13,646
139	ITT CORPORATION Los Angeles California San Diego California Fort Wayne Indiana Clifton New Jersey Nutley New Jersey Dayton Ohio Wright Patters Ohio Easton Penn S ARABIA	16,371 * 1,322 282 786 9,652 2,212 121 1,323 500 173	154	AUTOMATED SCIENCES GROUP INC Huntsville Alabama	S 13,179 * 13,179
140	S F A INC Washington D.C. Bethesda Maryland Landover Maryland State College Penn	S 16,353 * 10,153 92 4,935 1,173	155	COMPREHENSIVE TECHNOLOGIES INTL Arlington Virginia Chantilly Virginia	S 13,177 * 10,579 2,598
141	INTEL CORPORATION Beaverton Oregon	16,256 * 16,256	156	STERIMATICS CORP Bedford Mass	13,171 * 13,171
			157	MOTOROLA INC Scottsdale Arizona Landover Maryland	12,912 * 12,832 80

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158	CHAMBERLAIN MANUFACTURING CORP Niles Illinois Waterloo Iowa Bethesda Maryland Cockeysville Maryland Scranton Penn	12,866 * 45 4,974 7,221 151- 777	175	QUESTECH INC Dayton Ohio Wright Patters Ohio Arlington Virginia Fairfax Virginia Falls Church Virginia McLean Virginia	10,792 * 2,762 712 179 525 4,340 2,274
159	LOCUS INC Washington D.C. Boalsburg Penn Ingram Penn State College Penn Alexandria Virginia Arlington Virginia	12,718 * 317 516 87 11,251 382 165	176	HILTON SYSTEMS INC Huntsville Alabama Jackson Miss Teoc Miss Vicksburg Miss	S 10,755 * 5,628 3,759 325 1,043
162	BRUNSWICK CORPORATION Costa Mesa California De Land Florida Marion Virginia	11,950 * 94 9,816 2,040	177	RESEARCH & DEV LABORATORIES Culver City California Los Angeles California	S 10,741 * 10,679 62
163	PHYSICS INTERNATIONAL COMPANY San Leandro California Andover Mass	11,835 * 11,660 175	179	INTERSTATE ELECTRONICS CORP Anaheim California	10,278 * 10,276
164	PAR TECHNOLOGY CORPORATION New Hartford New York Rome New York Utica New York	11,625 * 9,786 1,629 210	180	GENERAL RESEARCH CORPORATION Huntsville Alabama Santa Barbara California Danvers Mass Vienna Virginia	10,269 * 4,008 5,081 55 1,125
165	STERLING FEDERAL SYSTEMS INC Bellevue Nebraska	11,622 * 11,622	181	FAIRCHILD INDUSTRIES INC Annapolis Maryland Germantown Maryland Greenbelt Maryland Weber Maryland	9,791 * 4,689 4,536 466 100
166	ORINCON CORPORATION San Diego California Kailua Hawaii	S 11,474 * 11,376 98	182	JOHN DEERE COMPANY Woodridge New Jersey	9,764 * 9,764
167	PLANNING SYSTEMS INC Washington D.C. Slidell Louisiana Silver Spring Maryland Long Beach Miss National Space Miss Mays Landing New Jersey McLean Virginia	S 11,335 * 347 100 644 235 1,446 45 8,518	183	THERMO ELECTRON TECHNOLOGIES CORP Escondido California San Diego California	9,727 * 655 9,072
168	AVCO RESEARCH LABORATORY INC Puunene Hawaii Everett Mass Waltham Mass	11,306 * 659 10,406 241	184	SPACE APPLICATIONS CORPORATION Santa Ana California Santa Clara California Seattle Washington	S 9,726 * 4,003 5,673 50
169	PACIFIC SIERRA RESEARCH CORP Los Angeles California Santa Monica California White Sands MS New Mexico	S 11,186 * 8,485 2,611 90	186	HUGHES TRAINING SYS INC Arlington Texas	9,500 * 9,500
170	UNIVERSAL ENERGY SYSTEMS INC Fort Rucker Alabama Dayton Ohio	S 11,121 * 373 10,748	187	MCDONNELL DOUGLAS TRAINING SYS Norman Oklahoma	9,495 * 9,495
171	ECONOMICS TECHNOLOGY ASSOC Inglewood California Point Mugu Nav California San Diego California	S 11,099 * 3,784 5,251 2,064	188	S SYSTEMS CORPORATION Los Angeles California Albuquerque New Mexico	S 9,257 * 4,861 4,396
173	DYNETICS INC Huntsville Alabama	S 10,914 * 10,914	192	SEMCOR INC San Diego California Mount Laurel New Jersey Warminster Penn	8,939 * 184 8,082 673
174	R J O ENTERPRISES INC Lanham Maryland Reading Mass Dayton Ohio	S 10,818 * 9,069 233 1,516	193	AM GENERAL CORPORATION Livonia Michigan	8,868 * 8,868
			194	MILTOPE CORPORATION Melville New York	S 8,801 * 8,801
			195	I L C INDUSTRIES DELAWARE Frederica Delaware Beltsville Maryland	8,770 * 8,812 42-

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196	GENERAL ATOMICS Sierra Vista Arizona San Diego California Albuquerque New Mexico	8,729 * 472 6,821 1,436		ELECTROSPACE SYSTEMS INC Alexandria Virginia Arlington Virginia	2,492 1,288
197	BELL HELICOPTER TEXTRON INC Fort Worth Texas	8,703 * 8,703	219	HAZELTINE CORPORATION Braintree Mass Greenlawn New York New York New York	7,651 * 2,676 4,922 53
198	AEROMET INC Huntsville Alabama Tulsa Oklahoma Yona Marshall I	S 8,700 * 48 6,116 2,536	220	CARNEGIE GROUP INC Pittsburgh Penn	7,629 * 7,629
200	VITRONICS INC East Brunswick New Jersey Eatontown New Jersey	S 9,578 * 370 8,208	222	ELECTROMAGNETIC LAUNCH RESRCH Hudson Mass	7,541 * 7,541
201	SONALYSTS INC San Diego California New London Conn Waterford Conn Watertown Conn Naval USC Rhode Isld Newport Rhode Isld	8,499 * 1,176 2,840 2,784 984 410 305	223	RAYTHEON SERVICE COMPANY Burlington Mass Albuquerque New Mexico Wright Patters Ohio	7,478 * 3,818 3,300 360
203	SYSTEMS EXPLORATION INC San Diego California Dayton Ohio	S 8,437 * 6,987 1,450	224	CONTROL DATA CORPORATION Minneapolis Minnesota	7,437 * 7,437
205	FOSTER MILLER INC Waltham Mass	S 8,344 * 8,344	225	CAE LINK CORPORATION Silver Spring Maryland Alexandria Virginia	7,376 * 7,295 81
206	EG&G WASHINGTON ANALYTICAL SVC Sunnyvale California Groton Conn New London Conn Rockville Maryland Middletown Rhode Isld Dahlgren Virginia	8,325 * 80 912 1,861 1,044 50 4,378	227	AMERICAN OPTICAL CORPORATION Southbridge Mass	7,331 * 7,331
207	ARINC RESEARCH CORPORATION San Diego California Annapolis Maryland Dayton Ohio	8,249 * 3,933 2,251 2,065	228	COMARCO INC Sierra Vista Arizona	7,304 * 7,304
208	HUGHES DANBURY OPTICAL SYSTEMS Danbury Conn	8,194 * 8,194	229	PARKER KINETIC DESIGN INC Eglin AFB Florida Austin Texas	7,215 * 4,641 2,574
211	INFOTEC DEVELOPMENT INC Costa Mesa California Santa Ana California Sunnyvale California	S 8,039 * 30 6,630 1,379	231	MAR INC Panama City Florida Rockville Maryland	7,111 * 3,370 3,741
212	SCIENCE & TECHNOLOGY CORP Las Cruces New Mexico Hampton Virginia	S 8,013 * 545 7,468	232	EAGLE TECHNOLOGY INC Winter Park Florida McLean Virginia	7,084 * 300 6,784
213	PACER SYSTEMS INC Panama City Florida Billerica Mass Horsham Penn	7,978 * 3,621 763 3,594	233	ENSCO INC Melbourne Florida Springfield Virginia	7,066 * 2,140 4,926
214	PARA FLITE INC Pennsauken New Jersey	S 7,976 * 7,976	234	CBI NA CON INC Memphis Tennessee	6,957 * 6,957
215	DAVID SARNOFF RESEARCH CENTER San Jose California Princeton New Jersey	7,776 * 727 7,049	236	TECOLOTE RESEARCH INC Huntsville Alabama Santa Barbara California Dayton Ohio	6,918 * 826 5,472 620
216	ELECTROSPACE SYSTEMS INC San Diego California Eglin AFB Florida Dayton Ohio Richardson Texas Waco Texas	7,742 * 91 40 60 3,692 79	237	MANTECH INTERNATIONAL CORP Sierra Vista Arizona Edwards AFB California Los Alamos New Mexico Wright Patters Ohio Warminster Penn Alexandria Virginia	6,897 * 771 1,081 143 3,268 270 1,364

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239	VSE CORPORATION Alexandria Virginia	6,776 * 6,776	255	THINKING MACHINES CORPORATION Cambridge Mass	5,671 * 5,671
240	APPLIED MEASUREMENT SYSTEMS New London Conn Waterford Conn Fort Pierce Florida Hollywood Florida Burlington Mass	S 6,744 * 934 213 35 5,532 30	256	EAI CORPORATION Abingdon Maryland	S 5,600 * 5,600
241	SRS TECHNOLOGIES Huntsville Alabama Newport Beach California	S 6,701 * 1,419 5,282	258	SPECTRA DIODE LABORATORIES San Jose California	5,524 * 5,524
243	ALLIED SIGNAL INC Phoenix Arizona Los Angeles California Torrance California Des Plaines Illinois Columbia Maryland Morristown New Jersey Teterboro New Jersey	6,584 * 4,397 120 242 693 806 227 99	260	SOFTWARE TECHNOLOGY INC Washington D.C. Melbourne Florida	5,446 * 1,065 4,381
244	ARETE ASSOCIATES Los Angeles California	S 6,530 * 6,530	261	GENTEX CORPORATION Carbondale Penn	5,442 * 5,442
245	DYNCORP Frederick Maryland White Sands MS New Mexico Wright Patters Ohio	6,429 * 2,093 3,712 624	262	MESILLA VALLEY HIGH TECH IND Huntsville Alabama	S 5,376 * 5,376
246	ELECTRONIC DECISIONS INC Urbana Illinois	S 6,240 * 6,240	263	MADEN TECH CONSULTING INC Arlington Virginia McLean Virginia	S 5,351 * 3,021 2,330
247	SYSTEMS PLANNING & ANALYSIS Falls Church Virginia	S 6,134 * 6,134	265	ADVANCED DECISION SYSTEMS Mountain View California Arlington Virginia	S 5,222 * 4,978 244
248	SIPPICAN INC Marion Mass	S 6,103 * 6,103	266	ATLANTIC AEROSPACE ELECTRONICS Greenbelt Maryland Boston Mass Waltham Mass Naval USC Rhode Isld	S 5,212 * 2,465 69 2,649 29
249	DU PONT E I DE NEMOURS & CO Newark Delaware Wilmington Delaware	6,058 * 650 5,408	267	KAMAN CORPORATION Bloomfield Conn	5,204 * 5,204
250	INTEGRATED SYSTEMS INC Palo Alto California Santa Clara California Norcross Georgia	S 6,016 * 4,019 1,773 224	269	MAC AULAY BROWN INC Dayton Ohio Fairborn Ohio Wright Patters Ohio	S 5,165 * 2,654 130 2,381
251	CONTRAVES USA INC Tampa Florida Boston Mass Koppel Penn Pittsburgh Penn	5,953 * 824 127 3,376 1,626	270	PRC ORI JV Locust Dale Virginia McLean Virginia	5,136 * 97 5,039
252	VEDA INCORPORATED Dayton Ohio Warminster Penn Alexandria Virginia Arlington Virginia	5,888 * 1,609 3,769 280 230	271	SYSTEM DYNAMICS INTERNATIONAL Gainesville Florida	S 5,094 * 5,094
253	TRACOR AEROSPACE INC San Mateo California San Ramon California Austin Texas Provo Utah	5,813 * 75 90 5,468 180	272	M R J INC Oakton Virginia	5,076 * 5,076
254	SYSTEMS INC Melbourne Florida Palma Sola Par Florida	S 5,796 * 5,753 43	273	PHOTON RESEARCH ASSOCIATES Placentia California San Diego California Cambridge Mass	S 5,039 * 350 4,621 68
255	COMMAND SYSTEM INC Fort Wayne Indiana	4,981 * 4,981	275	LOS ALAMOS TECHNICAL ASSOC INC Albuquerque New Mexico Los Alamos New Mexico	S 4,928 * 70 4,858
256	XONTECH INC Huntington Bea California Los Angeles California	S 4,895 * 50 4,845	277	XONTECH INC Huntington Bea California Los Angeles California	S 4,895 * 50 4,845
257	ASI SYSTEMS INTERNATIONAL Anaheim California Ft Walton Beach Florida Aberdeen Maryland	S 4,828 * 2,082 2,625 121	280	ASI SYSTEMS INTERNATIONAL Anaheim California Ft Walton Beach Florida Aberdeen Maryland	S 4,828 * 2,082 2,625 121

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282	TECHNOLOGY DEVELOPMENT CORP Huntsville Rolla	Alabama Missouri	S 4,758 * 4,248 510	308	CLAMSHELL BUILDINGS INC Santa Barbara	California	S 4,130 * 4,130	
283	KRUG INTERNATIONAL CORPORATION Dayton San Antonio	Ohio Texas	4,753 * 698 4,055	309	ELECTRONIC ASSOCIATES INC West Long Bran	New Jersey	S 4,124 * 4,124	
284	VECTOR RESEARCH COMPANY INC Bethesda	Maryland	S 4,687 * 4,687	310	LITTLE ARTHUR D INC Cambridge	Mass	4,117 * 4,117	
285	WILLIAMS INTERNATIONAL CORP Antioch Walled Lake	Michigan Michigan	4,680 * 162 4,518	311	SYSTEMS ENGRG & MGT ASSOC Arlington Falls Church Frytown	Virginia Virginia Virginia	S 4,107 * 2,450 888 769	
286	AMOCO CHEMICAL CO Atlanta	Georgia	4,660 * 4,660	312	CUBIC CORPORATION San Diego	California	4,029 * 4,029	
287	MANAGEMENT CONSULTING & RES Dayton Falls Church	Ohio Virginia	S 4,604 * 3,373 1,231	313	BICOASTAL CORPORATION Glendale	California	4,000 * 4,000	
288	DATA DESIGN LABORATORIES New London Chantilly	Conn Virginia	4,575 * 416 4,159	314	ETEC SYSTEMS INC Hayward	California	S 4,000 * 4,000	
289	CHRYSLER TECHNOLOGIES ARBRN SY Waco	Texas	4,535 * 4,535	315	CALIFORNIA RES & TECHNOLOGY Los Angeles Princeton	California New Jersey	3,995 * 3,845 150	
291	RAIL COMPANY Towson Falls Church	Maryland Virginia	S 4,499 * 125 4,374	316	BERKELEY RESEARCH ASSOCIATES Berkeley Washington Springfield	California D.C. Virginia	S 3,970 * 1,493 380 2,097	
292	AUTOMATION RES SYSTEMS LTD Alexandria	Virginia	S 4,486 * 4,486	317	LUFKIN INDUSTRIES INC Lufkin	Texas	3,940 * 3,940	
293	SUPPORT CONTRACTING SYSTEMS Camarillo	California	4,466 * 4,466	318	MECHANICAL TECHNOLOGY INC Latham Cincinnati	New York Ohio	3,823 * 3,463 360	
294	TRUSTED INFORMATION SYSTEMS Glenwood	Maryland	S 4,417 * 4,417	319	B K DYNAMICS INC Adelphi Orchard Beach	Maryland Maryland	S 3,816 * 470 270	
295	SUMMA TECHNOLOGY INC Huntsville Atlanta	Alabama Georgia	S 4,406 * 4,308 98	321	DAMES & MOORE Phoenix Bethesda	Rockville	Maryland Arizona Maryland	3,076 3,741 * 83 3,658
296	AEPCO INC Rockville White Oak NSWC	Maryland Maryland	S 4,392 * 4,342 50	323	REMINGTON ARMS CO INC Ilion	New York	3,701 * 3,701	
299	SYSTRAN CORP Dayton	Ohio	S 4,265 * 4,265	324	HORIZONS TECHNOLOGY INC San Diego Annapolis	California Maryland	S 3,692 * 3,646 46	
300	ENGINEERING TECHNOLOGIES INC McLean	Virginia	S 4,258 * 4,258	325	WYLE LABORATORIES El Segundo Norco Hampton	California California Virginia	3,655 * 209 1,053 2,393	
302	SYNETICS CORPORATION San Diego Slocums Corner Wakefield Dahlgren	California Mass Mass Virginia	S 4,227 * 415 45 3,024 743	326	TEXAS INSTRUMENTS WESTINGHSE JV Dallas Lewisville	Texas Texas	3,588 * 3,685 97-	
304	I R T CORPORATION San Diego	California	S 4,216 * 4,216	327	CREARE INC Hanover	N.H.	S 3,572 * 3,572	
306	AMERINEX ARTEL INTELLIGENCE Amherst	Mass	S 4,198 * 4,198	328	INTEGRATED SYSTEMS ANALYSTS San Diego Arlington Merrifield	California Virginia Virginia	S 3,558 * 1,303 1,055 1,200	
307	UNIVERSAL TECHNOLOGY CORP Dayton Fairborn	Ohio Ohio	S 4,151 * 3,771 380					

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330	ANDRULIS RESEARCH CORP Bethesda Maryland Salt Lake City Utah Falls Church Virginia	S 3,486 * 2,661 641 164	353	SYSTEM RESOURCES CORPORATION Shrewsbury New Jersey	S 3,40 * 3,40
331	ORLANDO TECHNOLOGY INC Orlando Florida Shalimar Florida	S 3,466 * 240 3,246	354	PHYSICAL RESEARCH INC Torrance California	S 3,128 * 3,128
332	PULSE SCIENCES INC San Leandro California	3,469 * 3,469	355	HUGHES ASSOCIATES INC Washington D.C. Wheaton Glenmo Maryland	S 3,123 * 289 2,834
334	TEXTROM INC Wilmington Mass Buffalo New York Niagara Falls New York	3,461 * 350 2,685 426	356	INTERNATIONAL SOFTWARE SYSTEMS Austin Texas	S 3,120 * 3,120
338	SYSTEMS ENGINEERING ASSOCIATES San Diego California	3,417 * 3,417	357	UNION CORPORATION Dallastown Penn Scranton Penn	3,115 * 1,945 1,170
339	ZYCAD CORPORATION Mount Olive New Jersey	3,416 * 3,416	359	INTERFEROMETRICS INC Washington D.C. Stafford Virginia Vienna Virginia	S 3,091 * 2,400 33 658
340	CUMMINS ENGINE COMPANY INC Columbus Indiana	3,396 * 3,396	361	FRONTIER ENGINEERING INC Oklahoma City Oklahoma S* -r Oklahoma	S 3,041 * 160 2,881
341	FALCON ASSOCIATES McLean Virginia Springfield Virginia	3,394 * 65 3,329	364	BRISAN ASSOCIATES INC Upper Marlboro Maryland	S 2,983 * 2,983
342	EER SYSTEMS CORPORATION Huntsville Alabama Vienna Virginia	S 3,373 * 40- 3,413	365	MERIDIAN CORPORATION Alexandria Virginia	S 2,974 * 2,974
343	AEROSTRUCTURES INC Arlington Virginia	S 3,328 3,328	366	ADVANCED SYSTEMS TECHNOLOGY Atlanta Georgia Lawton Oklahoma	S 2,963 * 2,633 330
344	PRESEARCH INCORPORATED Panama City Florida Silver Spring Maryland Fairfax Virginia	3,308 * 702 760 1,846	367	PHYSICAL OPTICS CORPORATION Simi California Torrance California	S 2,961 * 232 2,729
345	SPIRE CORPORATION Huntsville Alabama Bedford Mass	S 3,305 * 78 3,227	368	SCIENCE RESEARCH LABORATORY Alameda California Oakley California Somerville Mass	S 2,960 * 500 200 2,260
346	EPOCH ENGINEERING INC New London Conn Gaithersburg Maryland Lower Gwynedd Penn	S 3,272 * 77 3,142 53	369	ADVANCED SCIENCES INC Tyndall AFB Florida Albuquerque New Mexico	S 2,945 * 638 2,307
347	BOSS AVIATION INC Enterprise Alabama	S 3,271 * 3,271	370	OPTIC ELECTRONIC CORP Dallas Texas	2,927 * 2,927
348	PRAGMATICS INC Adelphi Maryland McLean Virginia	S 3,256 * 939 2,317	372	KEYSTONE COMPUTER ASSOCIATES Ft Washington Penn	S 2,926 * 2,926
349	MCDONNELL AIRCRAFT COMPANY Palo Alto California St Louis Missouri	3,248 * 1,927 1,321	373	GUILD ASSOCIATES INC Hilliard Ohio	S 2,919 * 2,919
351	N K F ENGINEERING INC Arlington Virginia Reston Virginia	S 3,219 * 973 2,246	374	PHYSICON INC Huntsville Alabama	S 2,878 * 2,878
352	ACUREX CORPORATION Mountain View California Dayton Ohio Wright Patters Ohio	3,149 * 1,234 395 1,520	375	SYNECTICS CORP Rome New York Fairfax Virginia	S 2,857 * 2,362 495
			376	APPLIED COMPUTING SYSTEMS INC Los Alamos New Mexico	S 2,831 * 2,831

- = Minus Amount (Cancellations Exceed New Awards)  
S = Small Business

**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1991**

Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
377	ACTRAN SYSTEMS INC Orlando Florida	2,813 * 2,813	400	K V H INDUSTRIES INC Middletown Rhode Isld	S 2,629 * 2,629
379	VREULS RESEARCH CORPORATION Thousand Oaks California Alexandria Virginia	S 2,804 * 226 2,578	401	LITTON INDUSTRIES INC Los Angeles California	2,600 * 2,600
381	JAMIESON SCIENCE & ENGINEERING Bethesda Maryland	S 2,788 * 2,788	402	XETRON CORPORATION Cincinnati Ohio	2,600 * 2,600
382	SYSTEMS ANALYSIS & INTEGRATION Orange California San Diego California	S 2,782 * 2,484 298	403	ENVIRONMENTAL SYSTEMS RES INST Redlands California	S 2,597 * 2,597
383	UNITED INTERNATIONAL ENGRG Huntsville Alabama Albuquerque New Mexico	S 2,780 * 351 2,429	404	DECISION SCIENCE APPLICATIONS Arlington Virginia	S 2,558 * 2,558
384	CROSS SYSTEMS INC Atlanta Georgia	2,778 * 2,778	405	SCHWARTZ ELECTRO OPTICS INC Orlando Florida Boston Mass Concord Mass	S 2,557 * 1,959 275 323
385	VISICOM LABORATORIES INC San Diego California	S 2,747 * 2,747	406	SPERRY MARINE INC Charlottesville Virginia	2,552 * 2,552
386	ADVANCED TECHNOLOGY & RESEARCH Laurel Maryland	S 2,745 * 2,745	407	LOCKHEED ENGINEERING & SCIENCE Dugway Proving Utah	2,540 * 2,540
387	CORTANA CORPORATION Falls Church Virginia	S 2,724 * 2,724	408	COMBUSTION ENGINEERING INC Sierra Vista Arizona	2,526 * 2,526
388	DIGITAL EQUIPMENT CORPORATION Landover Maryland Lanham Maryland Dayton Ohio Dahlgren Virginia	2,717 * 121 436 2,199 39-	410	FRIED D L ASSOCIATES INC Placentia California	S 2,522 * 2,522
389	KAMAN AEROSPACE CORPORATION Tucson Arizona Bloomfield Conn	2,715 * 1,200 1,515	411	S T SYSTEMS CORPORATION Washington D.C. Lanham Maryland Hanscom AFB Mass	S 2,517 * 1,909 408 200
390	QUALCOMM INC San Diego California	S 2,711 * 2,711	412	ADVANCED TECHNOLOGY MATERIALS Huntsville Alabama Danbury Conn East Hartford Conn New Milford Conn	S 2,516 * 55 261 44 2,156
391	SMITHS INDUSTRIES INC USA Grand Rapids Michigan	2,709 * 2,709	414	RMCI McLean Virginia Norfolk Virginia	S 2,493 * 1,949 544
392	KETRON INC Towson Maryland Malvern Penn	S 2,701 * 329 2,372	415	NEW HORIZONS DIAGNOSTICS CORP Columbia Maryland	S 2,486 * 2,486
393	CSA ENGINEERING INC Palo Alto California Wright Patters Ohio	S 2,692 * 1,738 954	416	APPLIED RESEARCH ASSOC INC Lakewood Colorado Aberdeen Maryland Albuquerque New Mexico Raleigh N Carolina South Royalton Vermont Springfield Virginia	S 2,472 * 49 227 1,221 214 350 411
395	BARRIOS TECHNOLOGY INC Houston Texas	S 2,679 * 2,679	417	GEODYNAMICS CORPORATION Santa Barbara California	S 2,447 * 2,447
396	ADVANCED MARINE ENTERPRISES Arlington Virginia	2,665 * 2,665	418	INNOVATIVE CONCEPTS INC McLean Virginia Stafford Virginia	S 2,443 * 2,243 200
397	DUAL & ASSOCIATES INC Arlington Virginia Reston Virginia	S 2,644 * 2,249 395	419	IRVINE SENSORS CORPORATION Costa Mesa California Red Hill California	S 2,412 * 2,357 55
398	PHYSICAL SCIENCES INC Andover Mass Alexandria Virginia	S 2,637 * 2,588 49	420	DRAVO CORPORATION Pittsburgh Penn	S 2,400 * 2,400

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**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1991**

Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars		
422	TOYON RESEARCH CORP Goleta Santa Barbara	S 2,399 * 2,254 145	447	LOGISTICS MANAGEMENT ENGRG China Lake NUC Warminster	S 2,248 * 501 1,747		
423	XEROX CORP Palo Alto Pasadena Cambridge Webster	California California Mass New York	2,387 * 357 1,791 180 59	449	FLOW INDUSTRIES INC Kent	Washington	S 2,230 * 2,230
424	SCHLUMBERGER TECHNOLOGY CORP Ann Arbor	Michigan	2,370 * 2,370	451	HYDRO PRODUCTS INC Arlington	Virginia	2,222 * 2,222
426	AMHERST SYSTEMS INC Buffalo	New York	S 2,355 * 2,355	453	OLIN ORDNANCE St Petersburg	Florida	2,203 * 2,105
429	CTA INCORPORATED Ridgecrest Dayton	California Ohio	S 2,338 * 1,124 1,214	454	WESTERN INSTRUMENT CORPORATION Ventura	California	2,201 * 2,201
430	ADVANCE INC Dahlgren	Virginia	S 2,332 * 2,332	456	VISIDYNE INC Burlington	Mass	2,193 * 2,193
432	OPTIMETRICS INC Bel Air Ann Arbor White Sands MS Hampton	Maryland Michigan New Mexico Virginia	S 2,322 * 176 1,211 209 726	458	TRUAX ENGINEERING Carlsbad Saratoga	California California	2,171 * 1,071 1,100
433	EG&G SPECIAL PROJECTS Las Vegas Kirtland AFB	Nevada New Mexico	2,317 * 955 1,362	459	SYSTEMS & LOGISTICS CORP San Bernardino Torrance	California California	2,170 * 877 1,293
434	SIERRA NEVADA CORPORATION Reno Verdi	Nevada Nevada	S 2,308 * 1,899 409	460	PREDICTION SYSTEMS INC Manasquan	New Jersey	2,166 * 2,166
435	AERODYNE RESEARCH INC Bedford Billerica Monmouth Junct	Mass Mass New Jersey	S 2,298 * 80 2,034 184	461	SCI TEC INC Princeton Wayside	New Jersey New Jersey	2,153 * 1,339 814
437	SUNDSTRAND DATA CONTROL INC Redmond	Washington	2,282 * 2,282	462	PHOTONICS SYSTEMS INC Melbourne Northwood	Florida Ohio	2,137 * 140 1,997
438	ERC INTERNATIONAL INC San Diego	California	2,268 * 2,268	463	COMMONWEALTH TECHNOLOGY INC Alexandria	Virginia	2,120 * 2,120
439	DIGITAL WIZARDS INC San Diego	California	S 2,265 * 2,265	464	MICROELECTRONICS Austin	Texas	2,118 * 2,118
440	S R A TECHNOLOGIES INC Alexandria	Virginia	S 2,265 * 2,265	465	COMPItek RESEARCH INC Goleta	California	2,105 * 2,105
441	GEOMET INC Annapolis Germantown Gist	Maryland Maryland Maryland	2,259 * 1,867 365 27	466	MARINE ACOUSTICS Newport	Rhode Isld	S 2,093 * 2,093
442	ADVANCED RES & APPLICATIONS Sunnyvale Wright Patters	California Ohio	S 2,257 * 2,007 250	467	DCS CORPORATION Alexandria	Virginia	2,088 * 2,088
444	ATEAM CORP Dayton	Ohio	S 2,255 * 2,255	468	AMPTEK INC Bedford	Mass	2,077 *
445	INTEGRATED MICROCOMPUTER SYS Rockville Dahlgren	Maryland Virginia	S 2,250 * 247 2,003	469	ANALYTICAL SYSTEMS ENGRG CORP Clarksburg Burlington Barnstable Naval USC Quantico MCD&E	Maryland Mass Mass Rhode Isld Virginia	2,049 * 179 1,008 740 85 37
				471	ELECTRO DESIGN MANUFACTURING Decatur	Alabama	S 2,049 * 2,049

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**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1991**

Rank	Name of Contractor Location of Work	Thousands of Dollars		Rank	Name of Contractor Location of Work	Thousands of Dollars	
474	SENSIS CORPORATION De Witt	S	2,029 *				
			2,029				
475	DIGITAL RADIO CORP Redondo Beach	S	2,026 *				
			2,026				
476	APPLIED TECHNOLOGY ASSOCIATES Orlando	S	2,022 *				
			125				
	Albuquerque	New Mexico	1,897				
477	COMMUNICATION MFG CO Long Beach	S	2,019 *				
			2,019				
478	RESOURCE CONSULTANTS INC San Diego		2,002 *				
			520				
	Norfolk	California	483				
	Vienna	Virginia	878				
	Virginia Beach	Virginia	121				
479	TERA COMPUTER CO Seattle	S	2,000 *				
			2,000				
480	STV ENGINEERS INC Pottstown		1,988 *				
			1,938				
	Warminster	Penn	50				
481	EVALUATION RESEARCH CORP Fairfax		1,985 *				
			1,985				
482	SHERIKON INC Frederick	S	1,983 *				
			1,983				
484	SENTEL CORPORATION Eglin AFB	S	1,958 *				
			1,958				
485	WESTAR CORPORATION Albuquerque	S	1,958 *				
			1,958				
486	WEIDLINGER ASSOCIATES INC Los Altos	S	1,955 *				
			375				
	Palo Alto	California	556				
	New York	New York	1,024				
487	S TRON Mountain View	S	1,954 *				
			1,178				
	Redwood City	California	776				
488	H R TEXTRON INC Valencia		1,934 *				
			1,934				
490	CORNING INC Canton		1,918 *				
			838				
	Corning	New York	1,080				
491	GENERAL PHYSICS CORPORATION New London		1,917 *				
			473				
	Jacksonville	Conn	1,444				
492	GALAVV SCIENTIFIC CORP San Diego	S	1,884 *				
			100				
	East Berlin	California	60				
	Mays Landing	New Jersey	280				
	Warminster	Penn	1,444				
493	COE TRUMAN TECHNOLOGIES INC Savoy	S	1,870 *				
			1,870				
494	SOUTHWEST AEROSPACE CORP Tucson	S	1,827 *				
			945				
	Burbank	California	882				

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**Table 3. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Educational and Nonprofit Institutions: FY 1991**

Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
12	JOHNS HOPKINS UNIVERSITY Baltimore Maryland Laurel Maryland	403,931 * 3,295 400,636		BATTELLE MEMORIAL INSTITUTE Los Angeles California Menlo Park California Monterey California San Diego California San Jose California Boulder Colorado Fort Collins Colorado New Haven Conn Storrs Conn Woodbridge Conn Newark Delaware Washington D.C. Gainesville Florida Indialantic Florida Melbourne Florida Orlando Florida Tallahassee Florida Winter Park Florida Athens Georgia Carbondale Illinois North Chicago Illinois Skokie Illinois West Lafayette Indiana Baton Rouge Louisiana Orono Maine Aberdeen Maryland Baltimore Maryland Bethesda Maryland College Park Maryland Elkton Maryland Frederick Maryland Andover Mass Boston Mass Fort Devens Mass Harvard Mass Lowell Mass Medford Mass North Andover Mass Sudbury Mass Wilbraham Mass Worcester Mass Ann Arbor Michigan Franklin Michigan Midland Michigan Starkville Miss State College Miss Univ of Miss Miss Chesterfield Missouri Kansas City Missouri Rolla Missouri Chatham New Jersey Florham Park New Jersey Monmouth Junc New Jersey Skillman New Jersey Albuquerque New Mexico Las Cruces New Mexico Los Alamos New Mexico Albany New York Garden City New York New York New York Rochester New York Troy New York Chapel Hill N Carolina Charlotte N Carolina Durham N Carolina Research Trian N Carolina Columbus Ohio Philadelphia Penn Souderton Penn Clemson Univ S Carolina Garden City Bch S Carolina Nashville Tennessee Arlington Texas Dallas Texas	94 46 46 30 181 56 115 49 30 69 111 136 26 84 58 144 79 97 59 32 50 42 66 41 36 28 372 41 196 63 70 52 83 44 26 126 147 111 29 48 60 30 91 62 30 54 31 43 36 29 38 32 41 32 50 62 104 32 30 134 29 65 44 50 84 62 28,228 78 75 42 66 46 74 38
14	MASSACHSITIS INST OF TECHNOLOGY Boston Mass Cambridge Mass Lexington Mass Jefferson Michigan	400,182 * 815 23,183 375,932 252			
15	AEROSPACE CORPORATION El Segundo California	395,136 * 395,136			
21	MITRE CORPORATION Bedford Mass	247,857 * 247,857			
48	RAND CORPORATION Los Angeles California Santa Monica California	76,122 * 24,814 51,308			
51	INSTITUTE FOR DEF ANALYSES Alexandria Virginia	73,468 * 73,468			
62	CHARLES STARK DRAPER LAB INC Boston Mass Cambridge Mass	59,615 * 50 59,565			
65	PENNSYLVANIA STATE UNIV State College Penn Tucker Texas	56,360 * 54,843 1,517			
69	I I I RESEARCH INSTITUTE Chicago Illinois Chicago O Hare Illinois Rome New York Dayton Ohio Oak Ridge Tennessee	51,421 * 46,724 1,197 440 31 3,029			
71	SOUTH CAROLINA RESCH AUTHORITY Charleston S Carolina	50,658 * 50,658			
73	CARNEGIE MELLON UNIVERSITY Pittsburgh Penn	47,656 * 47,656			
75	UNIVERSITY OF TEXAS SYSTEM Austin Texas El Paso Texas Richardson Texas San Antonio Texas	44,737 * 44,363 132 53 189			
77	ANALYTIC SERVICES INC Colorado Sprng Colorado Arlington Virginia	42,733 * 1,196 41,537			
78	UTAH STATE UNIVERSITY Logan Utah	42,197 * 42,197			
86	SRI INTERNATIONAL Los Angeles California Menlo Park California San Diego California Hanscom AFB Mass Lowell Mass Potsdam New York Rome New York Syracuse New York Columbus Ohio	37,125 * 391 35,975 192 40 37 71 220 129 70			
90	BATTELLE MEMORIAL INSTITUTE Auburn Alabama Grant Alabama Huntsville Alabama Tucson Arizona Cypress California El Segundo California	35,169 * 77 26 133 64 25 49			

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**Table 3. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Educational and Nonprofit Institutions: FY 1991**

Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
	BATTELLE MEMORIAL INSTITUTE Denton Texas El Paso Texas Houston Texas San Angelo Texas San Antonio Texas Logan Utah Salt Lake City Utah Alexandria Virginia Arlington Virginia Blacksburg Virginia Fairfax Virginia Hampton Virginia McLean Virginia Norfolk Virginia Smithfield Virginia Vienna Virginia Williamsburg Virginia Seattle Washington Madison Wisconsin CANADA GERMANY	55 61 27 43 77 136 30 70 248 28 59 45 114 53 115 117 33 49 36 96 88	150	ENVIRONMENTAL RES INST OF MICH Ann Arbor Michigan	14,063 * 14,063
			160	NEW MEXICO STATE UNIVERSITY Las Cruces New Mexico White Sands MS New Mexico	12,456 * 7,704 4,752
			178	CORNELL UNIVERSITY Ithaca New York	10,458 * 10,458
			185	UNIVERSITY OF TEXAS AT DALLAS Hudson N.H. Richardson Texas	9,593 * 9,143 450
			189	RIVERSIDE RESEARCH INSTITUTE New York New York	9,138 * 9,138
			190	SALK INST FOR BIOLOGICAL STUDIES San Diego California Swiftwater Penn	9,049 * 50 8,999
			191	ILLINOIS INST OF TECHNOLOGY Chicago Illinois	9,017 * 9,017
91	UNIVERSITY OF SOUTHERN CALIF Los Angeles California	34,560 * 34,560	199	UNIVERSITY OF ILLINOIS Champaign Illinois Chicago Illinois Savoy Illinois Urbana Illinois	8,680 * 6,681 1,408 76 515
95	UNIVERSITY OF CALIFORNIA Berkeley California Davis California Irvine California La Jolla California Los Angeles California Placentia California Riverside California San Diego California San Francisco California Santa Barbara California Santa Cruz California	31,175 * 3,251 1,034 2,765 50 7,824 3,747 48 4,873 1,468 6,043 72	202	UNIVERSITY OF MARYLAND Washington D.C. Adelphi Maryland Baltimore Maryland College Height Maryland College Park Maryland CHILE	6,477 * 30 638 2,149 37 5,360 263
98	LOGISTICS MGT INSTITUTE Washington D.C. Bethesda Maryland	26,696 * 877 25,819	204	SOUTHWEST RESEARCH INSTITUTE San Antonio Texas San Diego Texas KOREA REP	8,404 * 8,110 377 83-
100	GEORGIA TECH RESEARCH CORP Eglin AFB Florida Atlanta Georgia	26,278 * 76 26,202	209	NATIONAL ACADEMY SCIENCES USA San Diego California Washington D.C. Warrington Penn	8,193 * 173 7,982 38
110	UNIVERSITY OF DAYTON INC Williams AFB Arizona Edwards AFB California Dayton Ohio Montgomery Ohio	22,249 * 3,739 2,853 15,419 238	210	UNIVERSITY OF ALABAMA Birmingham Alabama Huntsville Alabama Tuscaloosa Alabama	8,096 * 945 7,070 81
114	UNIVERSITY OF PITTSBURGH Johnstown Penn Pittsburgh Penn	21,612 * 19,896 1,716	218	UNIVERSITY OF MINNESOTA Minneapolis Minnesota St Paul Minnesota	7,668 * 196 7,472
120	UNIVERSITY OF WASHINGTON Seattle Washington	18,586 * 18,586	230	UNIVERSITY OF CENTRAL FLORIDA Orlando Florida	7,193 * 7,193
131	STANFORD UNIVERSITY Santa Clara California Stanford California	16,968 * 345 16,623	238	UNIVERSITY OF MICHIGAN Ann Arbor Michigan	6,871 * 6,871
135	MICHIGAN DEPT PUBLIC HEALTH Lansing Michigan	16,860 * 16,860	259	GEORGIA INSTITUTE TECHNOLOGY Atlanta Georgia	5,475 * 5,475
147	NEW MEXICO STATE OF Albuquerque New Mexico Kirtland AFB New Mexico Socorro New Mexico	14,367 * 5,754 7,830 783	264	RESEARCH TRIANGLE INSTITUTE Raleigh N Carolina Resch Triangle N Carolina	5,320 * 471 4,849

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**Table 3. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Educational and Nonprofit Institutions: FY 1991**

Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
268	UNIVERSITY OF ROCHESTER Rochester New York	5,166 * 5,166	363	MAYO FOUNDATION Rochester Minnesota	3,016 * 3,016
278	WOODS HOLE OCNGRAPHIC INSTITUTE Woods Hole Mass	4,870 * 4,870	371	VANDERBILT UNIVERSITY THE Nashville Tennessee	2,927 * 2,927
281	UNIVERSITY OF MASSACHUSETTS Amherst Mass Worcester Mass	4,794 * 4,252 542	378	DUKE UNIVERSITY Durham N Carolina	2,813 * 2,813
290	BOSTON UNIVERSITY Boston Mass	4,532 * 4,532	380	MIAMI VALLEY RESEARCH INST Dayton Ohio	2,802 * 2,802
297	UNIVERSITY OF WISCONSIN SYSTEM Madison Wisconsin Milwaukee Wisconsin	4,284 * 4,095 189	394	PRINCETON UNIVERSITY Princeton New Jersey	2,685 * 2,685
298	UNIVERSITY OF PENNSYLVANIA Philadelphia Penn	4,281 * 4,281	409	STATE UNIVERSITY OF NEW YORK Albany New York Buffalo New York Stony Brook New York	2,525 * 2,191 157 177
303	UNIVERSITY OF ARIZONA Tempe Arizona Tucson Arizona	4,217 * 64 4,153	413	NATIONAL DEFENSE ENVML CORP Johnstown Penn	2,500 * 2,500
305	SOUTHEASTN CTR ELECTR FNG ED Orlando Florida Saint Cloud Florida Bedford Mass Wright Patters Ohio	4,210 * 1,684 1,272 575 679	421	COLORADO STATE UNIVERSITY Fort Collins Colorado	2,399 * 2,399
320	NYSERNET INC Syracuse New York	3,795 * 3,795	425	SOUTHERN METHODIST UNIVERSITY Dallas Texas	2,364 * 2,364
322	UNIVERSITY OF VIRGINIA Austin Texas Carsonville Virginia Charlottesville Virginia	3,727 * 2,236 71 1,420	427	AUBURN UNIVERSITY Auburn Alabama Huntsville Alabama	2,352 * 2,267 85
329	UNIVERSITY OF HAWAII Aiea Hawaii Honolulu Hawaii	3,493 * 469 3,024	428	PURDUE UNIVERSITY West Lafayette Indiana	2,349 * 2,349
332	SOUTHERN RESEARCH INSTITUTE Birmingham Alabama	3,483 * 3,483	431	CALIFORNIA INST OF TECHNOLOGY Pasadena California	2,326 * 2,326
335	RENSSELAER POLYTECHNIC INST Rensselaer New York Troy New York	3,447 * 515 2,932	436	UNIVERSITY NC AT CHAPEL HL Chapel Hill N Carolina	2,290 * 2,290
336	BOSTON COLLEGE Bedford Mass Boston Mass Newton Mass	3,434 * 187 3,187 60	443	UNIVERSITY OF DENVER Denver Colorado	2,257 * 2,257
337	COLUMBIA UNIVERSITY Liberty New York New York New York Oyster Bay New York	3,434 * 100 3,216 118	448	MERCER UNIVERSITY Macon Georgia Robins AFB Georgia Warner Robins Georgia	2,248 * 575 1,196 477
350	OKLAHOMA STATE UNIVERSITY Eglin AFB Florida Stillwater Oklahoma	3,237 * 1,985 1,252	455	NORTH CAROLINA STATE UNIV Raleigh N Carolina	2,194 * 2,194
360	GENERAL HOSPITAL CORPORATION Boston Mass	3,050 * 3,050	457	CLEMSON UNIVERSITY Patuxent River Maryland Clemson S Carolina	2,177 * 253 1,924
362	UNIVERSITY OF FLORIDA Fusseis Corner Florida Gainesville Florida	3,026 * 446 2,580	465	MIDWEST RESEARCH INSTITUTE Castle AFB California Kansas City Missouri	2,107 * 315 1,792
			470	MICHIGAN TCHNLGICAL UNIVERSITY Houghton Michigan	2,056 * 2,056
			483	OREGON STATE UNIVERSITY Corvallis Oregon	1,968 * 1,968
				TOTAL	2,560,704

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**Table 4. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Foreign Contractors: FY 1991**

Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
46	ROYAL NORWEGIAN NAVAL MATERIAL NORWAY	81,534 *			
		81,534			
60	ISRAEL AIRCRAFT INDUSTRIES LTD ISRAEL	61,868 *			
		61,868			
116	ROLLS ROYCE INC Atlanta	21,445 *			
	Georgia	395			
	UNITED KIN	21,050			
119	CANADIAN COMMERCIAL CORP CANADA	18,890 *			
		18,890			
124	UNITED KINGDOM MINISTRY OF DEF UNITED KIN	18,168 *			
		18,168			
161	TADIRAN ISRAEL ELECTRONICS IND ISRAEL	11,991 *			
		11,991			
172	DEUTSCHE BUNDESPOST GERMANY	11,021 *			
		11,021			
217	MESSERSCHMITT BOELKOW BLOHM GERMANY	7,694 *			
		7,694			
221	PORTON INTERNATIONAL INC UNITED KIN	7,615 *			
		7,615			
235	DUPHAR BV NETHERLAND	6,949 *			
		6,949			
242	SOCIETE GENERALE DES TAPIS SA GERMANY	6,694 *			
		6,694			
274	INGENIEURBURO DEISENROTH GERMANY	5,000 *			
		5,000			
279	CANADIAN MARCONI COMPANY CANADA	4,829 *			
		4,829			
446	INTERMARINES SPA ITALY	2,250 *			
		2,250			
450	RAM SYS GMBH GERMANY	2,228 *			
		2,228			
473	FERRANTI INTERNATIONAL UNITED KIN	2,031 *			
		2,031			
	TOTAL	270,207			

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**Table 5. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to U.S. Government Agencies: FY 1991**

Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
258	UNITED STATES DEPT OF COMMERCE Boulder Colorado Washington D.C. Miami Florida Gaithersburg Maryland Rockville Maryland Cambridge Mass National Space Miss Oak Ridge Tennessee McLean Virginia Seattle Washington	5,525 * 677 1,398 192 2,334 256 217 170 45 70 166			
302	UNITED STATES DEPT OF ENERGY Livermore California Oakland California Washington D.C. Argonne Illinois Gaithersburg Maryland Love Miss Albuquerque New Mexico Bartlesville Oklahoma Oak Ridge Tennessee Richland Washington	4,253 * 50 606 95 562 200 50 598 1,263 757 72			
490	NATIONAL SCIENCE FOUNDATION Boulder Colorado Washington D.C. Seattle Washington	1,930 * 70 1,778 82			
	TOTAL	11,708			

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